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Division of Health
Annual Report
Newark, N. J.



DIVISION OF HEALTH
DEPARTMENT OF HEALTH AND WELFARE
NEWARK, N. J.



HUGH J. ADDONIZIO
MAYOR, CITY OF NEWARK, NEW JERSEY

MEMBERS OF THE CITY COUNCIL

FRANK ADDONIZIO
ANTHONY GIULIANO
ANTHONY IMPERIALE
JOSEPH V. MELILLO
HORACE P. SHARPER
LOUIS M. TURCO
IRVINE TURNER
RALPH A. VILLANI
CALVIN D. WEST

ASSISTANT
HEALTH OFFICER

HEALTH OFFICER

PHYSICIAN
Ass't. Health Officer

GENERAL

ADMINISTRATION
Personnel
Budget & Accounting
Office Management
Building Maintenance

Public Health
Laboratories

SERVICE

Vital
Statistics

Audio-Visual Aids
to Education
Duplicating Service

Health
Education

MEDICAL

Public
Health
Nursing

Dental
Health

Infant &
Pre-School
Health

Parochial
School
Health

SERVICES

Communicable
Disease
Control

Venereal
Disease
Control

Tuberculosis
&
Chest Disease
Control

Dispensary
Clinics
Pharmacy
X-Ray

ENVIRONMENTAL

Food & Drug
Control

Veterinary Inspection
Meat Control

SANITATION

SANITATION
Housing Hygiene
Vector Control
Dog Control

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DEPARTMENT OF HEALTH & WELFARE

Director - Mrs. Larrie W. Stalks

DIVISION OF HEALTH

Newark, New Jersey

Health Officer - Aaron H. Haskin, M.D., M.P.H.

Phys. & Asst. Health Officer - Michael J. Fratanuto, M.D.

Asst. Health Officer - Carl Cordasco, B.S., Ph.G.

GENERAL SERVICES

ADMINISTRATION

Aaron H. Haskin, M.D., M.P.H., Health Officer

HEALTH EDUCATION

Peggy Boone, Health Educator

AUDIO-VISUAL AIDS

Wesley D. Jones, Supervisor

VITAL STATISTICS

Nathan Hershkowitz, Supervisor

PUBLIC HEALTH LABORATORIES

Frank Ciasulli, Chief Supervisor

Serological

Meyer Levy, B.S., Chief Serologist

Chemical

Sara Rothberg, B.A., Chief Chemist

Bacteriological

Guido Petrucelli, B.A.

MEDICAL AND DENTAL BUREAU HEADS

CHILD HYGIENE - William Spinosa, M.D.

DISPENSARY - M.J. Fratanuto, M.D.

CHEST DISEASES - John H. Alcamo, M.D.

DENTAL - Harold R. Harlan, D.D.S.

VENEREAL DISEASES - Nicholas Del Deo, M.D.

CONTAGION - Joseph W. Gardam, M.D.

CHIEF PHARMACIST

Nicholas Schlimbracco

CHIEF VETERINARIAN

John Devine, D.V.S.

SUPERVISING CHIEF INSPECTORS

ENV. SANITATION Edward A. Smith

CONTAGION William S. Jennings

FOOD & DRUG Michael Carson

MEAT INSPECTION Joseph Hearl

PUBLIC HEALTH NURSING SERVICE

DIRECTOR Mary Hoban, R.N., M.A.

ASST. DIRECTOR Petrina Livecchi, R.N., B.S.M.S.

WHAT YOUR HEALTH BUDGET PURCHASES

Some people do not realize the many valuable services paid for by the Health Division Budget. Too often it is felt that we merely investigate neighborhood nuisances or placard for contagious diseases. Following is some of the work made possible by our budget.

NOT ONLY - Environmental sanitation, dog licensing and rabies control; infant boarding home supervision; computation and study of vital statistics.

ALSO

- 1 - Medical Care. Approximately 25% of our budget is spent to provide clinic treatments, free medication, physician home visits and nurse home visits, to those individuals who are unable to provide adequate medical care for themselves, or their families, through private medical facilities.
- 2 - Disease Control and Prevention: Frequent case-finding programs are conducted for early detection of Tuberculosis and Syphilis. X-ray screening and Tuberculin Testing are two measures used most extensively at this time for finding, and thus providing early treatment for unsuspected Tuberculosis cases. The public is encouraged to take advantage of free blood test programs which are conducted routinely for the purpose of diagnosing early syphilis.

During the year 1939, our extremely successful campaign was continued against Diphtheria, Whooping Cough, Tetanus, Poliomyelitis, and for vaccination against Smallpox. The Parochial Schools Bureau, through the co-operation of the Superintendent of Archdiocesan Schools, requires all new students whether enrolling for the first school grade, or transferring into this school, to have full immunization prior to admission.

- 3 - Supervision for Infancy: Monthly visits are made by nurses to instruct mothers as to the proper care for babies, including visits to baby stations or to private pediatricians. The home visit includes discussions of behavior problems which require prompt attention if we wish to guard against possible abnormal mental development in later life.
- 4 - Parochial School Health Program: See to and maintain for each individual child the greatest measure of good health, conduct health education programs with individual parents and through P.T.A. conferences, faculty conferences, health talks, and films for the teacher and students, and to continue to educate the general public through referrals to community agencies for all who request assistance. This work is conducted by the Board of Education in public schools.
- 5 - Children's Dental Care Program: Free dental treatment is provided for an approximate total of 7,000 public and parochial school children who are eligible to receive it. This service is offered at the main building of the Health Division and in nine neighborhood clinics throughout the city.
- 6 - Food Inspection: Secure maximum sanitation methods for the preparation, display, and serving of foods, and of the food establishment.
- 7 - Pure Milk: Insure a pure supply of milk. In order to ascertain that the milk is pure, every individual, cream, animal, and building which is in any way associated with housing, obtaining, providing, containing or preparing milk for distribution, is thoroughly inspected.
- 8 - Hay Fever Control: Through weed extermination.

HEALTH OFFICER'S REPORT - 1969

Newark, New Jersey

TO Hon Hugh J Addonizio, Mayor - Members of the City Council
Director Larris W. Stalks, and Citizens of Newark, New Jersey

The year 1969 has been a memorable one for the City of Newark as far as public health is concerned. As a result of state health aid, many old programs were enhanced and new programs developed.

GENERAL MORTALITY

The adjusted general mortality rate has decreased from 8.7 per M in 1968 based on estimated population of 400,000, to 7.7 per M in 1969, the lowest in Newark's history. However, Heart Disease and Cancer still are our greatest killers and much work still has to be done in the field of Chronic Disease Control.

TUBERCULOSIS MORTALITY

As a result of the increased efforts in case finding and close supervision of contacts, and better reporting of active cases, there was a decrease in numbers of new cases from 336 in 1968 to 282 in 1969 - mortality again decreased from 6.8 in 1968 to 5.0 in 1969.

INFANT MORTALITY

Infant mortality has decreased from 35.2 in 1968 to 28.9 in 1969. However it should be noted that while congenital debility and prematurity are still the greatest causes of death under 1 year of age, the actual numbers have decreased slightly. This is an encouraging sign because prior to 1966 these numbers were increasing. Apparently prenatal services are beginning to show results.

INFANT DEATHS BY AGE GROUPS

		OVER 1 WK.					
<u>YEAR</u>	<u>TOTAL</u>	<u>UNDER</u>	<u>UNDER & UNDER</u>		<u>UNDER</u>	<u>NEXT</u>	<u>UNDER</u>
		<u>1 YEAR</u>	<u>1 MO.</u>	<u>1 MONTH</u>	<u>1 WEEK</u>	<u>6 DAYS</u>	<u>1 DAY</u>
1966	389	107	282	38	244	125	119
1967	412	88	324	37	287	98	189
1968	374	101	273	38	235	86	149
1969	326	111	215	30	185	67	118

INFANT DEATHS

PLACE OF DEATH BY AGE GROUPS

	<u>1968</u>								<u>1969</u>						
INSTITUTION	TOTALS	Under 1 Year	Under 1 Month	Over 1 Week & Under 1 Mo.	Under 1 Week	Next 6 Days	Under 1 Day	TOTALS	Under 1 Year	Under 1 Month	Over 1 Week & Under 1 Mo.	Under 1 Week	Next 6 Days	Under 1 Day	
City	205	43	162	19	143	55	88	139	37	102	14	88	34	54	
Babies'	37	20	17	7	10	7	3	28	11	17	6	11	9	2	
Beth Israel	48	6	42	5	37	14	23	63	16	47	5	42	13	29	
Columbus	5	0	5	1	4	1	3	6	0	6	1	5	2	3	
Presbyterian	14	1	13	1	12	0	12	17	1	16	0	16	3	13	
St. James	15	1	14	2	12	4	8	11	0	11	0	11	0	11	
St. Michael's	31	11	20	3	17	5	12	36	22	14	3	11	5	6	
Home	19	19	0	0	0	0	0	26	24	2	1	1	1	0	
GRAND TOTALS	374	101	273	38	235	86	149	326	111	215	30	185	67	118	

VENEREAL DISEASES

Our venereal disease program is continuing vigorously. New syphilis patients have increased from 338 in 1968 to 418 in 1969, a very significant measure of the effectiveness of our program, namely, early diagnosis and early treatment to prevent its spread. Gonorrhea has also increased. This is due to the more effective follow-up of contacts.

MEDICAL CARE OF THE SICK

The Health Division provides medical care to all residents who are indigent. Approximately 25% of the budget is used for this purpose. In addition to diagnostic procedures, medications are prescribed and prescriptions are filled. Treatments are provided in the various clinics.

It is interesting to note that the number of patients receiving treatment is continuing to drop from 22,849 in 1968 to 19,425 in 1969, and prescriptions filled have dropped from 67,381 in 1968 to 43,840 in 1969. This was, in a large measure due to the medicare program, and the clinics of the N. J. College of Medicine & Dentistry. When the Medicaid Program begins to have its effect, we may expect a further sharp reduction.

HEPATITIS - This disease had again run relatively heavy and involved the 15 - 35 age group more than others. There were 258 cases in 1969, an increase of 19 over those of 1968.

BIRTH STATISTICS

There were 9,904 births or a crude birth rate of 24.8 per thousand. Being a hospital center, Newark had 1,757 non-resident births; subtracting this, we have an adjusted total of 8,147 Newark births, or an adjusted birth rate of 22.9 per thousand, also there were 1,019 Newark births that took place out of town. Although, more of a social than a public health problem, the rate of births out of wedlock is startling. Of the 2,810 births out of wedlock, 2,728 were Newark babies, which means that of the 8,147 Newark babies, over 29.8 per M live births were reported as births out of wedlock.

HEART DISEASES

The major cause of mortality is Organic Heart Disease, with 1,709 deaths in 1969, a decrease of 206 as compared with 1968. There can be little question that much of the increase in recent years is due to the increased life span.

MATERNAL MORTALITY

There were 4 maternal deaths out of 9,904 births, plus 197 stillbirths. Maternal mortality has been decreased 80% since the Medical Society formed a Maternal Welfare Commission to cooperate in this work with us some twenty-five years ago.

HEALTH EDUCATION

Our Health Education Bureau has been in full operation for the past two years and has made great strides in uplifting the health standards of the community. The multi-phasic screening programs are continuing to have a greater effect on the local communities in which the programs are held and are an important educational medium to acquaint the citizens with their physical defects and to bring them to proper treatment.

A more detailed description of the Health Education Bureau will be found in another section of this annual report.

GENERAL SERVICES

ADMINISTRATION

The Administrative Bureau coordinates all the activities of the Health Division, under the direct supervision of the Health Officer. This includes Accounting and Budgeting, Personnel Records and Assignments, Building Maintenance, Cleaning and Heating. In addition, the executive staff functions as a "clearing house" for the many daily inquiries that come in by letter, telephone and personal inquiry, as well as editing the annual Health Department report.

Audio-Visual Service. This Service, while being an integral part of the Bureau of Health Education, is responsible for a number of specific functions including the scheduling and programming of food handlers' classes, preparation of audio-visual aids, utilization and maintenance of projection and sound equipment, control of all stationery supplies for the Division of Health, and the reproduction and printing of all forms and other printed materials used within the Division.

Food Handlers' classes are conducted for training restaurant workers in the proper and sanitary handling of food. Attendance is required by City Ordinance.

The course of instruction includes lectures by staff doctors and inspectors, supplemented by slides and recordings to further illustrate the material. More than 20,000 people have had 3 hours or more of orientation in modern methods of handling and storage of food since this program was instituted in 1949.

When special mass immunization programs are conducted, such as polio or influenza, the A-V Service provides a fully-equipped sound truck for broadcasting in the street. An appropriate message is pre-recorded and played back on a tape recorder from the mobile unit.

The A-V Service is responsible for designing all stationery forms, booklets, reports, leaflets, etc. Most of this printed material is obtained from commercial establishments through the Central Purchase Division. All specifications are drawn in this office and it handles all budgeting details in this connection.

Great savings are effected by being able to reproduce office forms, leaflets, and other printed material within the organization. Only printing which cannot be done economically in the Bureau, or would be otherwise restricted by policy, is procured by contract with outside firms. Work done in the Bureau is limited to forms which are used within the Division and are not seen by the public.

The great value of this service lies in its accessibility to the rest of the Division of Health. The close collaboration afforded by this arrangement permits users of the A-V Service to express their exact needs on a personal contact basis, thus providing faster and more complete service.

FINANCIAL STATEMENTS

1968

1969

Personal Services
(Salaries) 397 Employees \$2,575,505.00
Other than Personal Services 209,266.00
Total \$2,784,771.00

Personal Services
(Salaries) 415 Employees \$2,626,645.00
Other than Personal Services 226,934.00
\$2,853,579.00

TYPE OF EXPENDITURES (other than salaries)

	<u>1968</u>	<u>1969</u>
Dr. Home Calls	3,952.00	77.00
Nurses' Calls V.N.A.	48.00	-
Drugs-Clinic Supps.	60,615.00	60,615.00
Lab. & Dental Equip. & Supplies	13,000.00	13,000.00
X-Ray Film Service	11,500.00	14,375.00
Tele Service	14,140.00	16,780.00
Postage	3,500.00	3,538.00
Polio & Flu Vaccine	870.00	1,000.00

	<u>1968</u>	<u>1969</u>
In-Service Training	-	-
Carfare-Travel Allow.	28,500.00	29,700.00
Milk-Food Samples	-	200.00
Cleaning Hith Stats.	6,150.00	6,500.00
Furn. & Clinic Equip.	-	10,313.00
Light & Heat	12,800.00	12,500.00
Rent Annex & Stats.	15,250.00	14,650.00
Printing-Stationery	16,430.00	15,430.00
Miscellaneous	22,511.00	28,256.00
Totals	\$209,266.00	\$226,934.00

RECEIPTS

Note: These receipts are deposited with the City as Misc'l. receipts and are not reflected in our Budget.

Permits
Chicken, Animal, etc. 34.00

Licenses
Ice Wagons 44.00
Meat Jobbers 2,030.00
Refuse Trucks 72.00
Milk Store-Del. 2,700.00
Meat Plants 2,950.00
Live Poultry 170.00
EX-Bottle Money (Sales) 125.15
Telco Refunds 30.20
Newark TB Epi Project 650.00
Miscellaneous 948.52
Fees-Birth, Death & Marriage records, Permits & transit 71,816.00
\$81,569.87

DOG CONTROL ACCOUNT

A separate "Dog Control Account" is also kept. Dog License receipts maintain the fund which pays all cost except salaries, such as dog trucks, rabies - vaccinations fees and equipment.

Balance on Jan. 1, 1969 2,985.00
Transfer from Dog Control Acct. 50,000.00
52,985.00

Disbursements
State Fees 4,210.00
Shelter Rent 39,999.99
Vaccinations 2,970.00
Stationery-Printing 701.00
Miscellaneous 719.00
Balance on hand 12/31/69 4,385.01
Receipts Collected - 1969
8,420 Dog Licenses 33,680.00
4 Seeing Eye Dogs -
77 Dogs Redeemed 385.00
4 Pet Shop Licensees 40.00
Total 1969 Receipts 34,105.00

DAIRY INSPECTION ACCOUNT

A separate "Dairy Inspection Account" is also kept for cost out-of-town inspections. Dealers pay such cost as travel, hotel, meals, etc. They maintain a balance at all times.

Expended 1968
\$34,199.30

Expended 1969
\$35,258.88

Balance on hand Jan. 1, 1970..... \$28,149.69

Peggy J. Boone,
Health Educator

The ultimate goal of the Health Education Bureau is to help individuals in the Newark community avoid the misbalance, the disease and accidents of life; to make a good life in spite of handicaps, and more significantly, to help each person in the community seek that state of affairs which moves him toward an optimal state of development and healthful living.

Listed below are the major objectives of the Bureau:

- A. To create a healthful environment and atmosphere in which Newark residents may develop physically, mentally, and socially and in which they may learn to live more happily as healthminded citizens in their personal lives, in their homes, in their communities, and as members of a world society.
- B. To provide means whereby administrators, and other agency heads may be enabled to work together cooperatively for the total health of all.
- C. To safeguard the health of individuals through the prevention of communicable diseases.
- D. To assist the community to assume responsibility for their own health, so that they will know when they are in good physical and emotional condition, will recognize deviations from the normal, and will know when and how to seek expert assistance to meet their health needs.
- E. To provide scientific knowledge through a well-integrated plan of health education, so the public will be able to evaluate pseudoscientific reports and advertising campaigns regarding health and disease nostrums.
- F. To develop a working arrangement among community leaders to promote a single policy of healthful living in the Newark community.

During the past year, the Health Education Bureau worked toward improving the quality of community health in Newark.

Certainly, the Bureau has not been successful in totally eliminating all of the health problems in the community. However, with the cooperation of various community organizations such as the United Community Corporation, Head Start Program, Focus, and

religious groups, the department has designed and implemented meaningful health programs to reduce these problems.

SOME MAJOR HIGHLIGHTS OF THE YEAR:

Diabetes Detection Program:

In cooperation with the New Jersey State Health Department, the Bureau assisted in promoting a detection program for diabetes. The program lasted a week, testing a total of 947, 225 of which were screened primary positive.

Lead Poison Program:

The Health Education Department took part in the collection of urine from various locations throughout the Newark community for the purpose of screening for lead poisoning in preschool children. Along with the Public Health Nursing Staff, other community agencies involved in this program were the New Jersey College of Medicine and Dentistry - Martland Hospital and other organizations dealing with preschoolers.

Audio and Vision Examinations:

A special program was carried out at Area Board #7 (Progress in Action) for three days, March 22, 23 and April 26, 1969. Thirty-four children between the ages of 7 to 11 years received audio examinations. Fifty-six children of the same age group received the Snellen Vision Test.

Health Fair at Camden Street School:

A special program was administered to adults at the Camden Street School. Eye Screenings and Diabetic Tests were given.

Screening Program at Rutgers University:

The Health Education Bureau, along with the New Jersey College of Medicine and Dentistry sponsored a screening program for the Rutgers students. A total of 183 persons were screened.

Rubella (German Measles) Program:

Working again with the New Jersey State Department of Health, the Bureau took part in the programming of a German Measles Vaccine Project for school children up to 10 years of age.

Multi-Phase Screening Program:

This worthwhile program consists of a series of free health tests to all Newark residents. Although this program is not advertised for out-of-town residents, residency within Newark is not a requirement. All who come are welcomed.

Many people who would not have had the opportunity to obtain a medical examination, were administered these free tests. For instance, several persons from the Spanish community had not been to a physician since leaving their country, some as long as twenty years. When asked one lady why she had not been to a doctor, she replied "I didn't have any money and didn't know where to go." (Multi-Passic report on next page.)

Indeed the health programs that have been mentioned do not represent all of the activities performed by the Health Education Bureau during the past year. The Bureau has also rendered its service to other community and civic organizations such as: The Patrol Total Cities Program) Nequanic Opportunity Center (Area Board #9, U.C.C.), Educational Youth Center, Senior Citizen Commission, North Jersey Community Union, Urban League of Essex County, and many others.

MULTI-PHASE SCR. SCHEDULING PROGRAM JANUARY - MARCH, 1969

TOTAL NUMBER SCR. INED 1,386

Chest X-Ray

Total number of person X-Rayed	1,386
Total number of suspicious for tuberculosis	22
Total number of other pathology	27

Serology

Total number of persons tested	1,350
Number of persons under 50 years of age with positive serology	16
Number of persons 50 years and over with positive serology	21

Cardiac and Lung Examination 1,386

Abnormalities discovered 13

Eye Examinations

Total number of persons examined	1,380
Total number of persons needing complete eye exam	47
Total number of persons needing refractions	100

Diabetic

Total persons tested	1,365
Total positive on dextrostix	112
Total positive on blood sugar	43
Others (Blood sugar not done- Known diabetic)	27
Total negative on blood sugar	42
Number diagnosed diabetic	13
Number diagnosed borderline	4
Number diagnosed non-diabetic	62

Out of 112 persons positive on dextrostix (primary testing) we have been able to obtain information on 79. One person out of the forty-three positive on blood sugar expired 2 days after the examination with the diagnosis of coronary occlusion. Another patient, positive on blood sugar, returned to his army base and was assigned to an overseas base. His family was instructed to notify the patient so he could check the condition with his unit physician.

BEAU OF VITAL STATISTICS

than Hershkowitz, SUPERVISOR

This Bureau received the following Certificates as follows:

	<u>BIRTHS</u>	<u>DEATHS</u>	<u>MARRIAGES</u>
1968	10,168	4,669	3,722
1969	9,904	4,147	3,610

We prepare reference cards for each, micro-film all of them, send the Original Certificates to the State Department of Vital Statistics in Trenton. All Birth and Death Certificates are also put on I. B. M. sorting cards to assist in preparing studies and reports. Individual Birth Certificates are prepared and mailed, without charge, to parents of new born. Certified copies of Out-Of-Town Births and Deaths must also be sent to the City of Residence.

Burial permits are issued and many old records are re-issued by request. This is often a slow procedure. Prior to micro-filming, such data was copied, in pen and ink, in old bound books, most of which were rapidly deteriorating, but have now been micro-filmed which require 5% of the space needed for the books and save hours of time looking up even one old record.

The requests for old records such as births, deaths or marriages, in addition to routine work outlined above. The actual cash receipts for 1969 was \$71,816.00 as compared with \$74,149.00 in 1968. The fees for such records are \$2.00 per record and \$1.00 each Transit and burial or removal permits.

Many free records, in addition to the above are supplied for Veterans, school verification and Official Agencies and many thousands of Corrections and Original Certificates must be made.

GENERAL MORTALITY

The following tables show the estimated population, crude deaths and death rate, as well as adjusted deaths and death rate since 1943. The Census for 1960, however indicates a total on only 405,000, a reduction of 38,000 since the 1950 Census. We feel certain the Census takers missed a great many, especially in the over-crowded sections of the City. We have adjusted our estimates in the following table for each the past years to comply with the Official Census totals.

CRUDE AND ADJUSTED DEATH RATES

Year	Population in 1,000's	Crude Deaths	Crude Rate	Adjust. Deaths	Adjust. Rate
43	440	5,523	12.6	5,043	11.5
48	445	5,222	11.7	4,382	9.8
53	432	5,387	12.5	4,389	10.0
58	413	4,971	12.0	3,950	9.5
63	410	5,338	13.0	4,167	10.2
68	410	4,669	11.4	3,552	8.7
69	400	4,147	10.4	3,062	7.7

PRINCIPAL CAUSES OF DEATH

The major causes of Newark deaths, including non-residents and the known deaths of Newarkers dying from Tuberculosis in Out-Of-Town Sanatoria were as follows:

	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
Heart Disease	2,035	2,102	2,119	2,093	2,067	2,039	2,049	1,825	1,915	1,709
	716	746	729	736	771	763	722	695	658	624
	520	567	529	612	496	460	478	464	374	333
al Disease	325	366	313	392	364	321	294	350	300	250
a and Dry Diseases	360	299	381	403	402	366	253	254	396	297
Disease ritis	167	176	179	163	102	90	101	97	107	95
osis	40	52	52	46	48	42	34	36	29	20

TOTAL DEATHS BY AGE GROUPS 1923 - 1969

Total Deaths	Under 1 Yr.	1 and Und. 2	2 and Und. 5	Total Und. 5	5-14	15-24	25-44	35-64	Over 65
5,221	756	163	136	1,055	196	305	872	1,503	1,290
5,128	356	68	96	520	141	215	914	1,775	1,563
5,702	367	24	44	435	66	148	660	2,074	2,313
5,387	364	24	33	421	39	55	493	1,906	2,473
5,338	468	34	39	541	41	84	466	1,571	2,635
4,669	374	23	27	424	44	117	455	1,442	2,187
4,447	326	21	24	371	49	100	427	1,215	1,985

OTHER INTERESTING HEALTH TRENDS 1923 - 1969

Deaths Under 1 Yr.	Infant Mortality	Births	Birth Rate	Diarrhoea Deaths Und 5 yrs.	Tuberculosis Deaths	T.R. Dth. Rate	Bright's Disease Deaths	Organic Heart Deaths
756	68.0	11,110	25.3	133	406	92.5	340	727
356	45.1	7,897	17.6	18	388	85.8	228	1,091
367	30.9	11,856	26.9	15	294	66.8	276	1,975
364	25.8	14,116	32.1	6	97	22.0	241	1,963
468	34.9	13,427	32.7	14	46	11.2	163	2,093
374	36.8	10,168	24.8	1	28	6.8	107	1,915
326	28.9	9,904	24.8	2	20	4.8	95	1,709

DEATHS UNDER ONE YEAR - BY CAUSES OF DEATH - 1923 - 1969

Measles	Bronchitis	Pneumonia	Menin- gitis	Diarrhoea	Other Con. Diseases	Congenital Premature	All Other	TOTAL
15	32	94	10	105	21	376	103	756
2	2	75	2	18	10	191	56	356
0	1	41	5	14	5	255	46	367
0	3	23	2	6	1	297	32	364
0	0	23	6	13	0	387	39	468
0	0	42	5	1	0	300	26	374
0	1	35	2	2	0	250	36	326

STILL-BIRTHS AND MATERNAL DEATHS

Puerperal Deaths	Maternal Mortality Rate per 1,000 Deliveries	Births	Still-Births	Still-Births per 1,000 Deliveries
10	0.8	11,493	212	18.5
4	0.3	10,676	237	22.2
2	0.2	10,168	212	20.8
4	0.4	9,904	197	21.5

INFANT DEATHS (1 YEAR) BY CAUSE AND CODE NUMBER

AMONG NEWARK RESIDENTS

<u>DISEASE</u>	<u>CODE NUMBER</u>	<u>1968</u>	<u>1969</u>
Septicemia	768	0	0
Bronchitis	502	0	1
Stomach	541.0	0	0
Cirrhosis of Liver	581	0	0
Epidemic Meningitis	057	0	0
Cong. Heart Disease	754	0	0
Simple Meningitis	340	5	0
Apoplexy - Brain Soft.	760.5	0	0
Other Respiratory Disease	522	0	0
Pneumonia (Other)	763.5	21	17
Pneumonia (Broncho)	763	16	11
Diarrhoea (Under 5 Years)	571	0	2
Hernia & Int. Obstruction	560.5	0	0
Cong. De Vility & Malf.	790.1	251	200
Whooping Cough	056	0	0
Accident	W933	16	17
Homicide	E982	0	1
Ill-Defined	795	10	16
All Other	780	0	0
TOTALS....		319	265

INFANT MORTALITY RATES (FIRST DAY - FIRST MONTH - FIRST YEAR, ETC.)

<u>Under 1 Day</u>	<u>Next 6 Days</u>	<u>Under 1 Week</u>	<u>Over 1 Week Under 1 Mo.</u>	<u>Total under 1 Month</u>	<u>Over 1 Mo. Under 1 Yr.</u>	<u>Total Under 1 Year</u>
8.6	10.0	18.6	3.4	21.9	7.1	29.0
11.2	7.2	18.3	3.2	21.5	7.1	28.6
12.0	10.8	22.8	3.5	26.4	9.5	35.9
15.8	10.3	26.1	2.7	28.7	6.2	34.9
14.7	8.5	23.1	3.7	26.8	9.9	36.8
11.9	6.8	18.7	3.0	21.7	11.2	32.9

TOTAL DEATHS OCCURRING IN NEWARK AMONG NEWARK RESIDENTS

BY RACE AND SEX

<u>1968</u>						<u>1969</u>						
<u>Deaths</u>	<u>Rate</u>	<u>RACE</u>		<u>SEX</u>		<u>Total Deaths</u>	<u>Rate</u>	<u>RACE</u>		<u>SEX</u>		
		<u>W.</u>	<u>N.W.</u>	<u>M.</u>	<u>F.</u>			<u>W.</u>	<u>N.W.</u>	<u>M.</u>	<u>F.</u>	
s. 1,117	2.7	991	126	636	481	Non-Res. 1,085	2.7	985	100	626	459	
nt 3,552	8.7	1963	1589	2043	1509	Resident 3,062	7.7	1608	1454	1755	1307	
4,669	11.4	2954	1715	2679	1990	TOTALS	1,147	10.4	2593	1554	2381	1766

DEATHS BY AGE GROUPS OCCURRING IN NEWARK AMONG
NEWARK RESIDENTS

<u>Und. 5 yrs.</u>	<u>5 - 14</u>	<u>15 - 24</u>	<u>25 - 44</u>	<u>45 - 64</u>	<u>65 and over</u>	<u>TOTAL DEATHS</u>
362	38	100	377	1,091	1,583	3,552
302	36	87	357	873	1,407	3,062

LIVE BIRTHS IN NEWARK

1968

1969

WHITE		NON-WHITE		BIRTHS	WHITE MALE FEMALE	NON-WHITE MALE FEMALE			
MALE	FEMALE	MALE	FEMALE						
2,028**	872	766	187	183	Non-Res. 1757**	706	658	206	187
8,140***	1298	1,315	2777	2750	Res. 8147***	1301	1276	2760	2810
14.3		14.9	30.7	30.4	RATES*	14.2	13.9	30.2	30.8
10,168	2,170	2,101	2,964	2,933	TOTALS 9,904	2,007	1,934	2,966	2,997

Rates figured Newark Resident-Births in NEWARK.

* Non-Resident Births in NEWARK.

** Newark Resident Births in NEWARK.

PLACE OF BIRTHS IN NEWARK

<u>1968</u>				<u>1969</u>				
<u>Births</u>	<u>Doctors</u>	<u>Others</u>		<u>Births</u>	<u>Births</u>	<u>Doctors</u>	<u>Others</u>	
<u>At Hosp.</u>	<u>At Home</u>			<u>At Hosp.</u>	<u>At Home</u>			
2,028**	2,026	0	2	Non-Res.	1,757**	1,756	0	1
8,140***	8,038	48	54	Res.	8,147***	8,019	34	94
10,168	10,064	48	56	TOTALS	9,904	9,775	34	95

** Non-Resident Births in NEWARK.

*** NEWARK Resident Births in NEWARK.

BIRTHS BY WARDS IN NEWARK AMONG RESIDENTS SEX AND COLOR

<u>1968</u>					<u>1969</u>				
<u>TOTAL</u>	<u>WHITE</u>		<u>NON-WHITE</u>		<u>TOTAL</u>	<u>WHITE</u>		<u>NON-WHITE</u>	
<u>BIRTHS</u>	<u>MALE</u>	<u>FEM.</u>	<u>MALE</u>	<u>FEM.</u>	<u>BIRTHS</u>	<u>MALE</u>	<u>FEM.</u>	<u>MALE</u>	<u>FEM.</u>
1,639	568	568	270	233	1,687	540	546	316	285
1,319	400	411	249	259	1,386	454	409	249	274
1,206	181	177	412	436	1,165	154	168	424	419
2,197	86	91	1010	1010	2,304	91	96	1061	1056
1,779	63	68	836	812	1,605	62	57	710	776
8,140	1,298	1,315	2,777	2,750	8,147	1,301	1,276	2,760	2,810

STILL-BIRTHS

OCCURRING IN NEWARK AMONG NEWARK RESIDENTS

<u>CAUSE</u>	<u>1969</u>	<u>1968</u>
Prematurity	45	55
Atelectasis	38	23
Congenital Malf.	15	25
Abruptio Placenta	29	51
Anoxia	43	39
Unknown	27	19
TOTALS...	197	212

INFANT DEATHS UNDER 1 YEAR OF AGE

OCCURRING IN NEWARK AMONG NEWARK RESIDENTS

<u>YEAR</u>	<u>TOTAL DEATHS</u>	<u>UNDER 1 YEAR</u>	<u>UNDER 1 MONTH</u>	<u>UNDER 1 WEEK</u>	<u>UNDER 1 DAY</u>
1968	319	88	24	68	139
1969	265	89	20	54	102

INFANT MORTALITY RATES UNDER 1 YEAR OF AGE

OCCURRING IN NEWARK AMONG NEWARK RESIDENTS

<u>YEAR</u>	<u>TOTAL RATE</u>	<u>RATES UND. 1 YEAR</u>	<u>RATES UND. 1 MONTH</u>	<u>RATES UND. 1 WEEK</u>	<u>RATES UND. 1 DAY</u>
1968	35.2	19.7	2.7	7.5	15.4
1969	28.9	19.7	2.2	5.9	11.1

ILLEGITIMATE BIRTHSBIRTHS OCCURRING IN NEWARK AMONG NEWARK RESIDENTS AND SHOWING PLACE OF BIRTH19681969

<u>MONTH</u>	<u>TOTAL</u>	<u>BORN AT HOSPITAL</u>	<u>BORN AT HOME</u>	<u>BORN ELSEWHERE</u>	<u>TOTAL</u>	<u>BORN AT HOSPITAL</u>	<u>BORN AT HOME</u>	<u>BORN ELSEWHERE</u>
January	230	226	4	0	289	267	4	18
February	217	215	2	0	220	212	1	7
March	221	216	5	0	212	209	0	3
April	185	185	0	0	197	193	1	3
May	204	196	8	0	219	215	1	3
June	191	190	1	0	196	194	0	2
July	197	196	1	0	238	236	2	0
August	217	215	2	0	225	222	3	0
September	207	205	2	0	234	227	5	2
October	216	214	2	0	234	232	1	1
November	193	191	0	2	245	243	2	0
December	195	195	0	0	219	212	4	3
TOTALS	2,473	2,444	27	2	2,728	2,662	24	42

ILLEGITIMATE BIRTHS IN NEWARK AND NEWARK RESIDENTS BY WARDS

MONTH	1968						1969					
	TOTAL	N.	E.	W.	S.	C.	TOTAL	N.	E.	W.	S.	C.
January	230	31	25	34	75	65	289	46	35	44	100	64
February	217	31	29	31	64	62	220	49	16	32	64	59
March	221	52	17	26	68	58	212	41	16	34	72	49
April	185	38	14	25	61	47	197	30	22	32	59	54
May	204	32	26	37	58	51	219	50	17	30	68	54
June	191	37	18	22	61	53	196	42	24	30	51	49
July	197	36	22	27	65	47	238	49	28	30	72	59
August	217	38	16	30	72	61	225	42	29	30	73	51
September	207	38	28	26	61	54	234	40	31	31	62	70
October	216	41	13	39	61	62	234	45	18	28	88	55
November	193	47	18	25	62	41	245	37	34	38	71	65
December	195	34	19	38	60	44	219	30	29	28	73	59
TOTALS..	2,473	455	245	360	768	645	2,728	501	299	387	853	688

Rates per 1,000 live Births	27.3	5.0	2.7	4.0	8.5	7.1	29.8	5.5	3.3	4.2	9.3	7.5
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Rates per 100 Popul.	6.0	1.1	0.6	0.9	1.9	1.6	6.8	1.3	0.7	0.9	2.1	1.7
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	YEAR	BIRTHS	NON-RES.	NEWARK RES.
N. - NORTH WARD				
E. - EAST WARD				
W. - WEST WARD	1968	10,168	2,028	8,140
S. - SOUTH WARD				
C. - CENTRAL WARD	1969	9,904	1,757	8,147

COMMUNICABLE DISEASE DEATHS BY CAUSE AND CODE NUMBER
OCCUPYING IN NEWARK AND NEWARK RESIDENTS

<u>DISEASE</u>	<u>INTERNATIONAL CODE NUMBER</u>	<u>1968</u>	<u>1969</u>
Influenza	480	0	0
Epidemic Meningitis	057	2	0
Other Epidemic & Inf. Dis.	082	0	0
Tuberculosis (Lung)	002	28	20
Tuberculosis Meningitis	010	0	0
Tuberculosis (Other Forms)	011-019	0	0
Pneumonia, Other	492 & 493	111	120
Pneumonia, Broncho	491	94	79
Diarrhoea (Under 5 Years)	571	0	2
Whooping Cough	056	0	0
TOTALS....		235	221

COMMUNICABLE DISEASE DEATHS

CAUSE OF DEATHS AND RATES

OCCURRING IN NEWARK AMONG NEWARK RESIDENTS

<u>DISEASE</u>	<u>1968</u>		<u>1969</u>	
	<u>DEATHS</u>	<u>RATE</u>	<u>DEATHS</u>	<u>RATE</u>
Influenza	0	0	0	0
Epidemic Meningitis	2	0.5	0	0
Other Epidemic Diseases	0	0	0	0
Tuberculosis of Lungs	28	6.8	20	5.0
Tuberculosis (Meningitis)	0	0	0	0
Tuberculosis (Other Forms)	0	0	0	0
Pneumonia (Other)	111	27.1	120	30.0
Broncho Pneumonia	94	22.9	79	19.7
Diarrhoea (Under 5 Years)	0	0	2	0.5
Whooping Cough	0	0	0	0
TOTALS...	235	57.3	221	55.3

CAUSES OF DEATH OCCURRING IN NEWARK AMONG NEWARK RESIDENTS AND RATES

<u>CAUSE</u>	<u>1968</u>		<u>1969</u>	
	<u>DEATHS</u>	<u>RATES</u>	<u>DEATHS</u>	<u>RATES</u>
Diabetes	25	6.1	31	7.8
Leukemia	12	2.9	17	4.3
Septicemia	16	3.9	0	-
Pulm. Emb. & Inf.	44	10.7	38	9.5
Hepatitis	25	6.1	14	3.5
Peritonitis	6	1.5	2	0.5
Epidemic Meningitis	2	0.5	0	-
Other Epidemic Diseases	0	-	0	-
Tuberculosis of Lungs	28	6.8	19	4.8
Tuberculosis Meningitis	-	-	0	-
Other Tuberculosis	0	-	0	-
Cancer	412	100.5	376	94.0
Simple Meningitis	12	2.9	7	1.8
Apoplexy	276	67.3	235	58.8
Organic Heart	1,493	364.1	1,289	322.3
Bronchitis	5	1.2	5	1.3
Pneumonia (Other)	111	27.1	89	22.3
Pneumonia (Broncho)	94	22.9	58	14.5
Other Respiratory	95	23.2	76	19.0
Stomach	14	3.4	20	5.0
Diarrhoea (Under 5 Years)	0	-	2	0.5
Appendicitis	3	0.7	2	0.5
Hernia Int. Obst.	22	5.4	15	3.8
Cirrhosis of Liver	61	14.9	52	13.0
Bright's Disease	79	19.3	67	17.0
Puerperal Septicemia	2	0.5	4	1.0
Other Puerperal	0	-	0	-
Congenital Debility	253	61.7	197	49.3
Accident	169	41.2	152	38.0
Homicide	94	22.9	94	23.5
Suicide	22	5.4	19	4.8
Ill-Defined	101	24.6	115	28.7
All Others	76	18.5	67	17.0
TOTALS...	3,552	8.7	3,062	7.7

CAUSE OF DEATH	TOTAL	MALE	FEMALE	UNDER 1 YEAR	1 YEAR	1 & UNDER 2 YRS.	2 & UNDER 5 YRS.	5 TO 14	15 TO 24	25 TO 44	45 TO 64	65 AND OVER														
Auto and Motor	46	36	10	-	-	-	3	3	6	1	13	11	3	37	27	10	-	-	-	2	2	8	3	8	11	5
Accidental Falls	63	30	33	1	1	1	2	1	-	2	6	20	32	57	33	26	-	-	2	-	2	1	1	12	10	31
Fire, Conflagrations	17	14	3	-	3	-	2	5	1	1	2	7	1	13	11	2	-	1	2	-	3	-	-	-	4	6
Other Burns	10	3	7	-	1	-	-	1	3	-	3	1	2	4	2	2	-	-	-	-	-	-	-	-	2	2
Asphyxia & Suffocation	12	5	7	3	11	-	-	11	-	-	-	1	-	23	10	13	1	15	2	1	18	1	3	-	-	1
Carbon Monoxide	5	2	3	-	-	-	-	-	1	2	-	1	1	3	2	1	-	-	-	2	2	-	-	-	1	-
Drowning	8	6	2	-	-	1	-	1	2	1	1	2	1	5	4	1	-	-	-	-	-	3	1	-	1	-
Illuminating Gas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Railroad and Bns	3	2	1	-	-	-	-	-	1	1	-	1	-	1	1	-	-	-	-	-	-	-	-	1	-	-
Miscellaneous	4	4	-	-	-	-	1	1	-	-	2	1	-	9	5	4	-	1	-	1	2	4	-	3	-	-
TOTALS...	168	102	66	4	16	2	8	26	14	17	26	45	40	152	95	57	1	17	6	6	29	17	8	24	29	45

ENVIRONMENTAL SANITATION

WARD E. SMITH, CHIEF INSPECTOR
SEPH J. SMITH, ASSISTANT CHIEF INSPECTOR

The following is a summary of the activities of the Sanitary Bureau which supervises Environmental Sanitation and Fumigations. For routine complaint inspections the City is divided into twelve districts with a motorized inspector in each.

The following are typical insanitary conditions investigated by the inspectors:

	<u>1968</u>	<u>1969</u>		<u>1968</u>	<u>1969</u>
Lat	1,300	1,147	Sidewalls, floors		
Sanitary Housekeeping	124	249	and ceilings	1,971	3,242
Overcrowding	116	75	Rodents & Vermin	2,118	2,912
Shore and refuse	1,757	1,074	Sleeping in cellars	24	19
Animal Nuisance	4,702	3,792	Woods	216	223

ENVIRONMENTAL SANITATION

Arrests Made	363	312	Notices Served	12,983	7,435
Cases Prosecuted	532	444	Abatementes	15,602	12,097
Inspections	584	365	Complaints Un-		
Sanitary Inspections	48,974	41,311	justified	1,318	1,352
Complaints Investigated	14,089	12,129			
Violations Confirmed	21,598	18,594			

Under the Rent Control Ordinance forty-seven complaints were investigated and brought before the Hearing Officer to determine whether the buildings were sub-standard or standard, of these cases thirty-nine have been abated, four have been referred to court action for failure to comply and the balance were given an extension of time to complete the work.

WEED CONTROL

During the year the Inspectors had weeds and high grass cut down and moved from one-hundred and forty-eight vacant lots in the City by serving written notices on the owners or agents to clean the land of all refuse, high grass and weeds within a period of ten days.

OFFENSES AND PERMITS

After inspections and approval the following permits have been granted:

Refuse Trucks and Depots	19	19	Refuse Trucks	36	36
Keeping Poultry	37	33	Animal Permits	1	1

All dangerous gas and other exterminators who are not properly licensed and supervised are supervised by the Health Department to prevent fumigations and exterminations.

			1968	1969
	25	31		
City & Private Dumps	3	5	39	39
Demolitions	18	12	1,226	409

1

Animals (total) are kept in a quarantine facility for 10 days. If animal is well at expiration of quarantine it is released as it did before. In the infectious stage at time of bite. The person bitten will be under the Pasteur Treatment which is provided free to all persons bitten by any animal.

Inspected	3,042	2,841	Rats	34
	2,950	2,746	Other Animals	29
	92	95		

2

Lead paint in buildings was tested for lead. If lead was found, the building was repainted with lead-free paint. Inspections were made, samples were taken and submitted to the Health Department Laboratory for analysis. Buildings were repainted with paint containing less than 1% of lead.

Environmental San. (contd)

Rabies Investigations

<u>Report of Investigations of Suspected Rabid Dogs</u>	<u>1968</u>	<u>1969</u>
No. of Persons Bitten by Dogs	2950	2745
No. of Persons Bitten by Cats	26	33
No. of Persons Bitten by Horses or Other Animals	66	63
Total No. of Persons Bitten and Cases Investigated	3042	2841
No. of Dogs and Cats (Bitten)	0	0
No. of Dogs and Cats (Exposed to Infection)	0	0
No. of Dogs and Cats sent to Humane Society (Observation) ..	77	68
No. of Dogs and Cats sent to Humane Society (Destroyed)	23	16
No. of Persons Given Pasteur Treatment	1	0

Re-Inspections, Final Inspections & Examinations

No. of Original Inspections	3042	2841	
No. of Re-Inspections	0	0	
No. of Final Inspections	3020	2805	
TOTAL NO. OF INSPECTIONS	<u>5970</u>	<u>5646</u>	
	Negative	13	16
Dog Brains Examined from Newark	Positive	0	0
	Negative	14	3
Other Animal Brains Examined from Newark	Positive	0	0
	Negative	0	0
Dogs' Brains Examined Out-Of-Town	Positive	0	0
	Negative	0	0
Other Animal Brains Examined Out-Of-Town	Positive	0	0
	Total	<u>27</u>	<u>19</u>
Rat Bites			34
Hours in Court	11	16	

DOG CONTROL

James P. Dunn, Supervisor

Prior to 1954, the picking up of stray dogs (all dogs in public must be on a leash) was carried out by the Humane Society. In 1954 this arrangement was changed and greatly improved. The Health Division secured two dog ambulances of its own, operated by four dog wardens (Dog Catchers). The Humane Society is paid approximately \$5,000.00 per year to supply housing and feeding for all animals picked up by us, or brought in by owners to be disposed of, etc. The Humane Society also picks up sick and injured animals on the City streets.

	<u>1969</u>	<u>1968</u>
Dog Licenses issued \$4.00 each.....	\$420	8653
"Seeing Eye" Dogs License (Free).....	4	4
Pet Shop Licenses \$10 each.....	4	8
Kennel Licenses \$10 each.....	0	1
Dogs Redeemed by Owners.....	77	95

The City pays the State 50% out of each license fee and the State provides free rabies vaccine. The City offers free rabies vaccination for each licensed dog, to be inoculated only at the Humane Society Shelter. Only by popularizing the annual vaccination of dogs, can we feel confident that our present freedom from rabies will continue. It is now 20 years since rabies occurred here, but in 1946 we had 34 rabid dogs, and 21 persons underwent Pasteur Treatment. The compulsory leashing of dogs (all year) was started at that time. Under the free vaccination arrangement, 2474 Newark dogs were vaccinated this year.

The ambulance during the year picked up 1,499 unleashed dogs and also picked up 1,023 stray cats. Owners of dogs picked up may redeem them from the Shelter upon payment of a \$5.00 fee to the City in lieu of Court appearances. Dogs are destroyed if not picked up within a reasonable time. The Dog Control supplies the Sanitation Division with one truck to pick up dead animals on the streets. This truck picked up 1,203 dead cats and 1,810 dead dogs, and 134 other dead animals.

FINANCIAL REPORT

DOG CONTROL

<u>1969</u>	<u>1968</u>		<u>1969</u>	<u>1968</u>
8420	8653	Cash Receipts - Paid Licenses	\$33,680.00	\$34,612.00
4	4	Seeing Eye Dogs	0.00	00.00
77	95	Dogs Redeemed	385.00	455.00
4	8	Pet Shop Licenses	40.00	80.00
0	1	Kennel License	0.00	10.00
			<u>\$34,105.00</u>	<u>\$35,157.00</u>

Money sent to State	\$4,210.00	\$4,326.50
Cash on Hand	\$29,895.00	\$30,830.00

No. of Animals picked up on Streets by Sanitation Department

	<u>1969</u>	<u>1968</u>
Dead Cats	1203	1133
Dead Dogs	1810	1594
Total	<u>3013</u>	<u>2727</u>

No. of Animals picked up by Dog Control

Dogs	1499	1401
Cats	<u>1023</u>	<u>1005</u>
Total	<u>2522</u>	<u>2406</u>

No. of Animals picked up at Humane Society by Sanitation Department

Dead Cat s	409
Dead Dogs	<u>960</u>
Total	<u>1374</u>

	<u>1969</u>	<u>1968</u>
No. of Dogs Redeemed	77	95
No. of Licenses issued up to 12/31	8424	8657
No. of Seeing Eye Dogs	4	4
No. of Kennel Licenses	1	1
No. of Pet Shop Licenses	4	8
No. of Dogs Vaccinated	2474	3499
No. of Complaints answered on live animals	2931	2942
No. of Calls on Dead Animals	1061	1228

Regulation requires that the Health Officer shall inspect all eating and drinking establishments and other food and drug establishments. In the City of Newark, this responsibility is delegated to the inspectional staff of the Food & Drug Bureau.

Twelve (12) inspectors are assigned to the local food and drug control program which entails the supervision, via inspection, of all places where food, drugs, and/or cosmetics are prepared, processed, stored, transported, and/or sold. In addition to routine inspection to determine compliance with Federal and State laws and local ordinances, complaints of every nature are investigated.

These locally-assigned inspectors carry out a continuous sampling program: (1) utensil swabbings to determine the effectiveness of washing and sanitizing operations in eating and drinking establishments; (2) ice cream, oysters, and miscellaneous foods as required, to determine compliance with legal requirements.

Any material suspected of being or found to be adulterated or misbranded is embargoed and detained until same is reported as being fit by the laboratory or until same is re-labeled. Any articles proven to be unfit or adulterated are subsequently condemned. During the year 1969, large quantities of foodstuffs were destroyed under the supervision of this Bureau's representatives.

There are seven (7) inspectors assigned exclusively to the dairy inspection program. These men periodically inspect all sources of milk and milk products, and the dairies supplying same, throughout Newark's milk shed which includes: New Jersey, New York, Pennsylvania, Delaware, Maryland, Vermont, and Connecticut. Almost 100,000 quarts of milk were rejected at milk plants during the past year by our inspectors.

In conjunction with the dairy program, one (1) inspector is detailed to a continuous milk and milk products sampling program. He routinely collects samples daily in Newark and within the immediate area from stores, institutions, depots, vendors, and milk plants.

As has been the practice in the past, the Food & Drug Bureau has operated in close cooperation with other municipal agencies, such as the License Bureau; with the New Jersey State Department of Health in carrying out various reciprocity programs, such as dairy inspection, inspection of caterers, and milk sampling; other local health departments; and the Federal government.

In the coming year, it is anticipated that the Bureau will continue to effectively carry out its programs and to incorporate any new phase of food and drug control work as may be required.

(Statistics on next page.)

FOOD & DRUG INSPECTION (cont'd)

MILK & DAIRY PROGRAM

	<u>Inspected</u>		<u>Reinspected</u>		<u>Total</u>		<u>Excluded</u>	
	<u>1968</u>	<u>1969</u>	<u>1968</u>	<u>1969</u>	<u>1968</u>	<u>1969</u>	<u>1968</u>	<u>1969</u>
Pasteurizing Plants	158	139	6	10	164	149	2	0
Receiving Plants	237	181	8	8	245	189	0	0
Dairies	7,554	6,497	459	370	8,013	6,867	100	83
Other	77	2	0	0	77	2	0	0
TOTALS	8,026	6,819	473	388	8,499	7,207	102	83

DAIRY PRODUCTS SAMPLING

	<u>Bacteriological</u>		<u>Chemical</u>		<u>Total</u>	
	<u>1968</u>	<u>1969</u>	<u>1968</u>	<u>1969</u>	<u>1968</u>	<u>1969</u>
Milk & Cream Samples	2,650	2,376	2,535	2,237	5,185	4,613
Ice Cream, Other Frozen Conf.	105	161	105	161	210	322
TOTALS	2,755	2,537	2,640	2,398	5,395	4,935

CITY INSPECTIONS

	<u>1968</u>	<u>1969</u>
Total City Inspe. & Rein.	12,213	12,891
Complaints Investigated	508	518
Notices Served	1,056	1,646
Notices Abated	961	1,506
Embargo Notices	42	27
Suspected Food Pois'g.	10*	7*
Utensil Swab Samples	875	1,022
Misc. Samples Taken	131	101

(*referred to Epidemiologist - 1968, 10 - 1969, 4)

MILK LICENSES

	<u>1968</u>	<u>1969</u>
Issued (Stores, Dealers, Vending Machs., Depots)	1,299	1,245
Total Receipts	\$2,830	\$2,700

DEPARTMENT OF HEALTH

W. C. HEARL
Inv. Chief Meat Inspector

JOHN J. DEVINE, V.M.D.
Chief Veterinarian

The Bureau is responsible for the inspection of meat and meat products, poultry and fish, and the enforcement of fitness for food. We inspect the butchers, meat processors, slaughterhouses, and wholesale and retail plant outlets and stores. We also inspect the commissaries, restaurants, and hotels, meat on fish trucks and loading platforms for meat and meat freight care. We inspect all deliveries of meat, fish and poultry at all City institutions. This Bureau also conducts the lectures given at the Food Handlers school, a series one (1) hour (4) days per week, mornings (10:00 to 11:00 a.m.) afternoons (2:00 to 3:00 p.m.) to all food service workers making application for a health certificate. This work is carried out by a staff of inspectors and veterinarians with State licenses.

Following are work statistics for the years 1968 & 1969.

Veterinary (con't)

ABATTOIR INSPECTIONS

1.	Inspections and reinspections	122
2.	Out-of-town inspections	40

WHOLESALE MEATS AND DRESSED POULTRY INSPECTIONS

1.	Inspections and reinspections	2705
	Wholesale Meat Dealers	2190
	Loading Platform Inspections	465
	Commissary & Restaurant Inspections	237
	Condemnations	142,711

FOOD CONTROL WORK AT CITY INSTITUTIONS

	1968	1969
Beef	32,145	15,110
Pork	9,842	4,800
Lamb	11,800	3,200
Veal	13,133	9,400
Provisions	7,128	1,800
Fish	5,880	2,400
Clams	588 gals.	218
Oysters	-	-
Shrimp	3,100	-
Poultry	62,096	2,940
Scallops	2,190	-
Institutional inspections		110

MISCELLANEOUS ACTIVITIES

Notices Served	143	362
Notices abated	129	344
Complaints Investigated	86	128
Samples taken for Analysis	111	237
Court Cases	12	16
Special Details	518	682

Veterinary (con't)

WHOLESALE LIVE POULTRY INSPECTIONS

1.	Inspections and reinspections	503	
	Wholesale Live Poultry inspections and reinspections		4,735, 02 lbs
	truckloads of Live Poultry inspected	497	
2.	Condemnations	57,916 lbs.	

PROVISION MANUFACTURING PLANT

1.	Inspections and reinspections	2,046	
	Bologna Kitchens inspections and reinspections	1,046	
	Frozen Food Estab. inspections and reinspections	218	
	Provision Jobbers inspections and reinspections	598	
	Clam House inspections and reinspections	50	
	Casing Estab. inspections and reinspections	55	
	Pork Head Boning inspections and reinspections	79	

RETAIL ESTABLISHMENTS

	Public Markets inspections and reinspections	1,730	
	Butcher Shops inspections and reinspections	4,218	
	Poultry Stores inspections and reinspections	172	
	Smoked Fish Estab. inspections and reinspections	37	
	Fish Stores inspections and reinspections	735	
	Pet Shops inspections and reinspections	59	
	Refrigeration Plants inspections and reinspections	82	

MISC. CONDEMNATIONS IN RETAIL STORES 51,322 lbs.

Veterinary Meat Inspection

<u>Inspections & Reinspections</u>	<u>1968</u>	<u>1969</u>
Abattoirs.....	89	117
Wholesale Meat & Dressed Poultry...	1,769	2,190
Loading Platforms.....	146	465
Commissaries.....	8	137
Refrigeration Plants.....	67	82
Wholesale Live Poultry.....	903	603
Truckloads of Poultry.....	561	497
Wholesale Fish.....	46	112
Provision Mfg. Plants.....	982	1,046
Retail Establishments.....	4,125	3,948
City Institutions & Ice Boxes.....	<u>129</u>	<u>118</u>
Total	8,825	9,307

Condemnations of Poultry, meat and fish products.	186,125 lbs	175,500 lbs
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Approval of meat, poultry and seafood in our City Institutions inspections.	205,794 lbs	200,000 lbs
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Samples for analysis.....	111	237
Complaints investigated.....	86	128
Notices served.....	134	362
Abatements.....	96	344
Court Cases.....	12	16

<u>License Fees</u>	\$	\$
Poultry Slaughterhouse.....	130	170
Meat Jobbers.....	2,275	2,025
Meat Plants.....	4,300	2,800
Live Poultry	<u>10</u>	<u>10</u>
Total	<u>6,715</u>	<u>5,005</u>

CONTAGIOUS DISEASES

Joseph W. Gardam, M.D., Physician-in-Charge
William S. Jennings, Chief Inspector
Alfred D. Giordano, Ass't Chief Inspector

The year 1969 has again seen changes in the disease picture of our urban area. Twelve of the reportable diseases on our chart had no cases whatsoever. As of 8-1-60 the State made Rubella (German Measles) again reportable but only six cases were reported during the balance of the year. This disease is of importance in that, should it occur in the early months of pregnancy it results in deformity of the child. It is therefore of tantamount importance that every child should have the disease and develop natural immunity or receive the new Rubella Vaccine which is safe. In conjunction with the New Jersey State Health Dept. this vaccine can be given to children ages 5 through 10 in schools and as soon as adequate supplies become available we shall proceed to immunize routinely all children between the ages of 1 year and puberty except where contra-indicated. The disease itself is mild, free of complications, and is of little moment so we advise that all young children be definitely exposed to known cases with the intention of developing natural immunity.

Of the major diseases, TUBERCULOSIS, POLIOMYELITIS, DIPHTHERIA and SMALLPOX were notable by their absence. It is well to remember that we are in danger of a smallpox outbreak at anytime as evidenced by the recent flare-up of cases in Germany when a man returned from a business trip to India, came down with Smallpox and infected some 17-20 other persons, including 1 death, in his hometown. The saving grace in our city is the maintenance of a well-vaccinated population. We urge all of our citizens over school age to be revaccinated at least every five years.

IMMUNIZATION Continued emphasis, beginning soon after birth, and carried on intensively through the school years with stress on DPT, Smallpox, and polio immunizations as basic procedures must continue unabated. Our initial mail follow-up at age 3 months is of value and the fact that the school systems refuse admission to any child who has not received the first doses of the above mentioned sera has been a truly great step forward. The school completes the primary immunization and will add Rubella and Measles immunization as soon as the material is available on a routine basis. This program will be in conjunction with the N. J. State Health Dept. program for children in the 5-10 years group. It is our intention to offer immunization against influenza each fall, especially to the susceptible groups, the aged, known cardiac and respiratory cases and to groups of essential workers, Police and Fire Depts. and other emergency personnel. For interested groups arrangements can be made by telephoning the Communicable Disease Division. It is well to note that our activity along these lines, supplemented by the work of private physicians in immunizing many people has resulted in a favorable situation for our city.

GONORRHEA AND SYPHILIS Which are carried on our report for statistical purposes only and are the responsibility of the Venereal Disease Division have shown definite increases in 1967-68 and 69. Supplementing this we found more cases of OPHTHALMIA NEONATORUM, 11 this year against 5 in 1968 and 2 in 1967. This can be expected with the increase in Gonorrheal cases.

MENINGOCOCCIC MENINGITIS Has given us 11 cases with 1 death against 12 cases for the preceding year.

LEAD POISONING In children this has been a serious problem and we have had 74 cases this year against 13 last year. Toys, furniture and other articles painted with lead paints that the children chew on are the causative agents involved.

MALARIA This year we have had 4 cases of this disease reported, 2 in Foreign Merchant Marine Seamen who were treated actively and left the city with their ships. One was a U.S. Army veteran who had returned from Vietnam and has been actively treated and the 4th case was a Portuguese veteran who had served in Portuguese Guiana and became infected there. He has been actively treated. Fortunately, little chance of spread exists in this area because we do not have Anopheles Mosquitoes here as the intermediary host.

HEPATITIS 258 Hepatitis cases occurred this year, an increase of 19 cases over last year. As we are aware, no preventive measures have been developed to help in control of this disease. Some of the spread is directly traceable to drug addicts who carelessly use the same equipment on each other and thus spread the infection by contamination of syringes and needles. The disease is long lasting and leaves an infected person to face an extended period of convalescence.

DIARRHEAL DISEASES As a group these cases are still running heavy and are truly a real problem.

TYPHOID FEVER Two cases of Typhoid Fever occurred. One case was a U.S. Army soldier stationed at San Antonio, Texas who was home on leave. The second case occurred in a child, 1½ years old. Our investigation of this case revealed that the child's father was employed in a food manufacturing plant. The father was immediately removed from the job and was started on a series of anti-typhoid vaccine shots by this bureau.

Contagious Diseases (Cont'd)

However, PATHOGENIC E. COLI cases increased from 110 in 1968 to 157 in 1969. SHIGELLOSTS (BACILLARY DYSENTERY) increased to 101 from 71 the year before, all being in young children and multiple cases occurring in many families. It is interesting to note that our Inspectors following up on these cases picked up 16 of the cases by taking stool cultures on the contacts.

All of these Diarrheal Diseases prove the need for education along the lines of good household sanitation, cleanliness and the need of washing hands before cooking and after handling sick children, diapers, etc. Proper and prolonged cooking is essential too for it is a known fact that certain foods are the source of the infection in many of the groups.

BUREAU ACTIVITIES

Inspectors Home Visits - Investigations	745
Wrong Addresses	73
Sp. Ass'gn. & Complaints Investigated	124
Reinspections	661
Specimens Collected	857
Supplies Delivered	1250
Water Samples (Swimming pools, etc.)	<u>556</u>
TOTAL VISITS	4266

CULTURE COLLECTORS REPORT

	<u>Vinc. Ang.</u>	<u>Feces</u>	<u>Sputum Jars</u>	<u>Wassermans</u>	<u>Neisser</u>	<u>Misc.</u>	<u>Total</u>
	15	226	196	17,811	3,627	7	21,882
Vis.	64	514	600	8,238	2,971	18	12,405
							5,044

MORBIDITY REPORT 1959 - 1969

	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	Norm	
is	0	0	2	2	1	1	2	0	0	5	1	1	
osis	1	0	0	1	0	0	0	0	0	0	0	0	
sa of Newborn	-	-	-	-	2*	0	1	0	0	0	0	0	
ria	0	0	0	0	0	0	0	0	0	0	0	0	
y	58	52	48	117	223	164	81	74	61	15	10	61	
is	29	39	293	267	163	194	118	158	161	239	258	163	
isoning	-	-	-	-	15*	77	102	76	37	13	74	74	
	0	0	0	0	0	6	2	0	0	1	4	0	
	5332	2583	4305	2556	3547	2495	1626	684	104	163	76	2495	
Meningitis	7	13	10	10	10	7	10	15	12	12	11	10	
	Reportable as of 10-1-67										81	24	24
Neonat.	3	5	9	4	8	7	10	19	2	5	11	7	
E. Coli	-	-	-	-	-	-	-	31*	85	110	157	85	
alitis	10	5	0	0	0	0	0	0	0	0	0	0	
llosis	0	0	0	0	15	20	25	77	63	91	77	20	
osis	-	-	-	-	-	1	15	24	39	71	101	1	
	0	1	0	1	0	0	0	0	1	0	0	0	
osis	2	0	2	2	0	2	0	0	0	0	1	0	
! Fever	0	0	0	0	0	0	2	2	1	1	2	0	
osis	367	343	372	332	341	299	355	360	324	355	282	343	
	Reportable as of 8-1-69										6	-	
ft. Spotted Fever	0	0	0	0	0	0	0	0	0	1	0	0	

*Reportable as of Jan. 1 of current year

HEPATITIS CASES REPORTED TO NEWARK DIVISION OF HEALTH: 258 CASES

AGE GROUP

0 to 4: 2 Cases
 5 - 9: 8 "
 10 - 14: 8 "
 15 - 19: 69 "
 20 - 24: 57 "
 25 - 34: 63 "
 35 - 44: 28 "
 45 - 54: 14 "
 55 - 64: 3 "
 64 - 74: 4 "
 75 - 84: 2 "
 85 - 94: 0 "

Males: 166
 Females: 92

Newark Cases: 248
 Non-Residents: 10

Treated in Hospitals: 234
 Treated at Home: 24

Infectious Hepatitis 192
 Serum Hepatitis 66

Non-Residents treated
 in Newark Hospitals 18

Contagious Diseases (Cont'd)

IMMUNIZATIONS

<u>YEAR</u>		<u>D.P.T.</u>	<u>VACCINATIONS</u>	<u>TOTAL</u>
1960	Health Clinics	6928	6036	12964
	Private Doctors	1179	1044	2223
1961	Health Clinics	6604	4893	11497
	Private Doctors	791	678	1469
1962	Health Clinics	9698	5840	15538
	Private Doctors	838	753	1591
1963	Health Clinics	14226	5612	19838
	Private Doctors	930	716	1646
1964	Health Clinics	12702	5533	18235
	Private Doctors	579	388	967
1965	Health Clinics	14527	3592	18119
	Private Doctors	273	199	472
1966	Health Clinics	15188	4246	19434
	Private Doctors	271	217	488
1967	Health Clinics	20696	4175	24871
	Private Doctors	305	210	515
1968	Health Clinics	18962	4324	23286
	Private Doctors	446	147	593
1969	Health Clinics	18299	4515	22814
	Private Doctors	419	94	513

VENEREAL DISEASE CONTROL

F. J. Del Deo, M.D.
Chief of Skin and
Venereal Diseases

For the year 1969, the Office of Pesticides reported 27 cases of fishery toxicology by water. This is an increase of 17 cases over the 1968 total.

1. In the above, the reported 82 percent increase has been witnessed for the entire time period since 1960. It is anticipated that the increase will continue "for many decades" and that the projected decrease will be seen in 1970.

case-finding techniques continue to be applied to all cases of early syphilis reported in the City. Continued emphasis is being placed on the importance of the physician in the identification of source and spread cases in the attempt to reduce the incidence.

Expansion and renovation of the V. D. clinic facility has begun and a new interview room has been added. This will add to the amount of interviews that can be performed.

the various countries, especially in Italy, as well as in the late 1960s, however, increased activity in the field of diseases of the eye, and are conducting more extensive work on the control of the transmission of the eye. The main task of the eye control program in Genoa will be top priority in 1970.

VENEREAL DISEASE BUREAU

CLINIC REPORT

<u>SYPHILIS</u>	<u>1967</u>	<u>1968</u>	<u>1969</u>
Total New patients	624	338	418
Total Patients Visits	10475	4492	3843
Treatments Given	3460	2161	2543
Investigations - Syphilis			
<u>Source of Infection</u>	1913	669	929
Primary	56	59	129
Secondary	106	57	153
Early Latent	<u>109</u>	<u>92</u>	<u>115</u>
Total of Early Syphilis	271	208	397

GONORRHEA

New Patients - Male	2350	3269	3900
New Patients - Female	<u>968</u>	<u>976</u>	<u>1538</u>
Total of New Patients	3318	4245	5438
Patients Treated - Male	3365	4820	4761
Patients treated - Female	<u>862</u>	<u>857</u>	<u>1472</u>
Total Gc Patients treated	4227	5677	6238
Investigations - Gonorrhea			
<u>Source of Infection</u>		1567	1670

SEXUAL CONTACTS OF PATIENTS

<u>Syphilis & Gonorrhea</u>			
Named	1913	2278	2599
Found and Examined	1071	1136	1611
Found Infected	507	580	814

SKIN CLINIC

New Cases	2012	2793	1257
Treatments	5096	5132	3413

TB DISEASES

JOHN H. ALCAMO, M.D.

Director & TB Control Officer

In the year 1969 the Tuberculosis Division of the Newark Health Department has compiled a record which reflects the great progress made in reducing tuberculosis morbidity and mortality to an all-time low.

The disease has been brought down to the lowest level on record per capita since 1925. The relentless excellent work done by covering every possible known susceptible source, reduced the number of clinical patients in 1969 to 7,115 from the previous number of 10,727. This reduction was obtained mostly through close supervision and treatment which changed the status of many cases to inactive.

Mantoux tests and x-rays surpassed the 1968 number. Our table shows 2,194 Mantoux tests in 1969 against 1,619 in 1968, and 7,204 x-rays in 1969 against 5,162 in 1968. The reason for the above increase is because any dermal test that indicated the slightest suspicion, was rechecked with a Mantoux test and many cases followed by x-ray, and if needed, a re-ray.

We have screened carefully some patients who in the past years were taking medication home, and who were showing no improvement and maybe signs of retrogression. Close check disclosed that they were not taking the prescribed medication. These patients were ordered to come to the clinic at scheduled intervals and receive an injection therapy. Our chart shows an increase over 1968 in streptomycin injections. This helped to reduce the long term negligent tuberculosis patient in 1969.

The total reported cases of pulmonary and non-pulmonary tuberculosis in 1969 was 3,336 against 3,336 in 1968.

Unfortunately, we have not had all the desired help in regard to quantity or quality. If our financial situation ever gets the assistance needed, Newark will be one of the healthiest cities in the country. We have done well with the little we have had, and I believe that the Epi boys, the few graduate nurses left, and the greatly diminished number of clerical staff, who many times has worked overtime to finish a project, deserve much credit for our success.

DIVISIONAL WORK TOTALS

Patients Under Supervision - - - - -	1,840
Household Contacts for 1969 - - - - -	550
Contacts Examined for the Year - - - - -	350
No. Cases Active TB Resulting from Contact Examinations - - - - -	10
Clinic Examinations - Tuberculosis, Adults & Children - - - - -	7,115
Clinic Examinations - Cardiac - - - - -	3,233
X-rays - <u>Chest Clinic</u>	
4x4's - - - - - 1, 632. 14x17's - 5,572 - TOTAL - - - - -	7,204
X-rays - Cardiac - - - - -	277
Mantoux Tests - Clinic - Negative - 1,806; Positive - 388; TOTAL - - -	2,194
Sputum Examinations - (Spreads) - - - - -	656
Nebulized Sputum Cultures - - - - -	1,022
Electrocardiograms - - - - -	593
Mercuryhydriin Injections (Clinic) - - - - -	18
Patients Sent To Hospital - - - - -	9
Commitments - Verona Sanatorium & N.J. State Hospital - - - - -	9
Streptomycin Injections (Clinic) - - - - -	1,561

TUBERCULOSIS MORTALITY AND MORBIDITY RATE (ALL FORMS)

<u>YEAR</u>	<u>POPULATION</u>	<u>CASES REPORTED</u>	<u>NO. DEATHS</u>	<u>MORBIDITY</u>	<u>MORTALITY</u>
1925	453,000	872	378	192.5	83.4
1930	440,000	1,000	445	227.3	101.1
1935	455,000	654	316	143.7	69.5
1940	429,000	586	309	136.6	71.9
1945	443,000	495	247	111.7	55.8
1950	443,000	526	209	117.2	47.2
1955	443,000	490	68	110.6	15.3
1960	405,000	343	40	84.7	9.9
1961	405,000	372	52	91.8	12.8
1962	410,000	332	52	80.2	12.7
1963	410,000	341	46	83.2	11.2
1964	410,000	299	48	70.7	11.7
1965	410,000	355	42	87.6	10.2
1966	410,000	360	35	87.8	8.5
1967	410,000	323	36	78.7	8.78
1968	410,000	336	28	80.7	6.8
1969	400,000	282	20	70.5	5.0

Chest Diseases (cont'd) REPORTED CASES - 1969

REPORTED CASES OF TUBERCULOSIS BY WARDS

NORTH WARD - - - - -	47
EAST WARD - - - - -	55
SOUTH WARD - - - - -	59
WEST WARD - - - - -	53
CENTRAL WARD - - - - -	73
	<u>282</u>

Cases Reported by Newark City Hospital	116
" " " Chest Clinic - Div. of Health	55
" " " Private Physicians	40
" " " Hospitals (Other than NCH)	56
" " " Veterans Administration Hospital	2
" " " Essex County Penitentiary	3
" " " Verona Sanitorium	10
	<u>282</u>
TOTAL	282

Pulmonary Cases Reported - - - - -	268
Non-Pulmonary As Follows Reported (Total 14)	
Glandular	5
Peritoneal	4
Miliary	1
Urinary	3
Meningeal	1
	<u>14</u>
TOTAL	282

TOTAL T. B. CASES FOR THE YEAR - 1969 - 282

REPORTED CASES

	<u>YEARS</u>												
		1	5	10	15	20	25	35	45	55	65	75	85 & Over
Gender	1	4	9	14	19	24	34	44	54	64	74	84	
Age	1	4	5	8	7	12	29	51	28	24	14	6	
Sex		5	5	6	5	18	14	17	12	4	4	1	2
TOTALS	1	9	10	14	12	30	43	68	40	28	18	7	2

TOTAL - 282

TUBERCULOSIS DEATHS BY SEX, AGE, AND RACE - 1969

	Under 1 Yr.	1-4 Yrs.	5-9 Yrs.	10-14 Yrs.	15-19 Yrs.	20-24 Yrs.	25-34 Yrs.	35-44 Yrs.	45-54 Yrs.	55-64 Yrs.	65-74 Yrs.	75 & Over Yrs.
RACE	M F	M F	M F	M F	M F	M F	M F	M F	M F	M F	M F	M F
TOTAL --- 20							1	3	6	4	5	1
WHITE --- 9								1	3	1	3	1
NON-WHITE-11						1	2	2	1	2	1	1

TUBERCULOSIS DEATHS BY AGE GROUP - 1963 - 1969 (7 Year Total)

	Under 1	1-19 Years	20-24 Years	25-44 Years	45-54 Years	55-64 Years	65-74 Years	75 & Over
1963	0	1	1	19	7	10	7	1
1964	0	1	2	12	8	13	7	5
1965	0	0	1	9	11	10	8	3
1966	0	1	0	16	5	8	4	1
1967	0	0	1	13	6	10	3	3
1968	0	1	0	12	6	7	2	0
1969	0	0	0	4	6	4	5	1
TOTALS	0	3	2	85	49	62	36	14

(Deaths) - Lapse of Time After Report of Case - 1969

No. Cases Reported Prior to Death - - - - -	Within 1 Year - - - - -	6 - - - - -	3.0%
	1 - 2 Years - - - - -	5 - - - - -	2.5%
	3 - 4 Years - - - - -	2 - - - - -	1.0%
	4 Years and Over - - - - -	3 - - - - -	1.5%
No. Cases Reported After Death - - - - -		4 - - - - -	2.0%
	TOTAL DEATHS - - - - -	20	10.0%

Number of TB Cases Reported - 282.

CLASSIFICATION OF CARDIAC CASES

HYPERTENSION	505
W.P.W. SYNDROME	0
ARTERIOSCLEROSIS	79
PERI CARDITIS	1
HYPERTENSIVE HEART DISEASE	108
RHEUMATIC	30
PULMONARY	24
NO HEART DISEASE	132
UNDIAGNOSED MANIFESTATIONS	17
LUETIC	7
THYROID	3
COR. PULMONALE	0
UNKNOWN HEART DISEASE	43
CONGENITAL	17
C. V. A.	5
CONGENITAL HEART DISEASE	1
SILICOPATHIC	9
HEART BLOCK	2
ANGINA	5
CONGESTIVE HEART FAILURE	1
ANEMIA	1
EMPHYSEMA	1
ANEURYSM	2

CITY DISPENSARY

Michael Frantantano, M.D., Physician & Assistant Health Officer
Violet Padula, R.N., Public Health Nurse Supervisor
Anne Kuehner, R.N., Assistant Public Health Nurse Supervisor

The Newark Division of Health Clinics provide medical, dental, nursing, x-ray and laboratory services together with prescribed medications to needy residents of Newark. Eligibility determined by social case investigators, covers city welfare clients and medically indigent residents not covered by other welfare groups.

In 1969 a total of 3,657 patients made 19,425 visits to the therapeutic clinics in the City Dispensary. Visits to clinics in the Bureaus of Chest Diseases, Dental, Skin and Venereal Diseases are noted elsewhere in the Division of Health Annual report.

A total of 2,783 visits were made to additional services including screening programs, health examinations for camp children, domestics, license applicants and new employees.

In addition to the above, an immunization clinic is conducted daily and in the fall of the year an influenza program is offered on a selective basis (see statistics below).

During 1969 the Public Health Nurses responded to 2,179 requests for medical information from health and social agencies, hospitals and private physicians on patients who attended the Dispensary Clinics.

The Multiphasic Screening Program carried on by the Division of Health with the cooperation of community groups is reported by the Health Education Section.

Upon examination of the 1969 statistics compared with the 1968 figures (see statistical data) a drop in health services is evident. Reasons for this drop are varied. During 1969 the Division of Welfare transferred a considerable number of welfare recipients to the Essex County Welfare Board. Due to this transfer health services were no longer given to these clients in the Division of Health. The Martland Hospital and other Newark Hospitals service many low income families in their clinics. Too, church and community groups have organized health services in various locales in the community.

CITY DISPENSARY (con't.)

<u>Clinic Visits</u>	1968	1969	<u>Immunizations</u>	1968	1969
Allergy	2380	1745	Diphtheria, Pertussis, Tetanus	3417	3074
Chiropody	602	515	Diphtheria Tetanus-Ped.	2631	2020
Eye	1263	1456	Diphtheria Tetanus-Adult	1238	1405
Gastro-Int.	392	298	Oral Polio Trivalent	5924	4186
Medical	9453	8643	Measles Vaccine	280	147
Med. Eval. Welfare Center	2075	1998	Smallpox Vaccinations	3005	2188
Metabolic	1905	1642			
Orthopedic	823	646	Influenza Vaccine	3222	2801
Others	846	654			
Pediatric	2355	1514	<u>X-Ray Report</u>		1969
Surgical	755	314			

Total Visits 22849 19425

Total Patients Seen 3657

Other Services

HEALTH EXAMINATIONS 1968 1969

Camp Children 790 901
 Domestic - Licenses 917 637
 New Employees 747 1000

DETECTION CLINICS

Pap Smears 302 169
 Diabetic Screenings 99 53

Total Visits 2855 2760

Home Visits By Physicians 1581 57
 Patients Sent To Hospitals
 From Dispensary 213 126

Prescriptions Dispensed
 By Pharmacy 67381 43840

Social Service Interviews 7686 7670

X-Rays Taken 15601 15962

DETECTION CLINIC - DIABETIC SCREENING

<u>Total Screened</u>	<u>Dextrostix</u>	<u>2 hr. Post Prandial</u>	<u>Reports to:</u>	<u>Referrals To:</u>
	<u>Pos.</u> <u>Neg.</u>	<u>Pos.</u> <u>Neg.</u>	<u>Patients-Medical</u>	<u>Metabolic</u>
		<u>130mg+</u>	<u>Services</u>	<u>Clinic</u>
53	3 50	1 1	- 1	2

Chest 4x4 7228
 Chest 14x17 7298
 Extremities 551
 Gastro-Intestinal 407
 Gall Bladder 80
 Others 398

Total X-Rays 15962

Social Service ReportINTERVIEWS - ELIGIBILITY STATUSPatients

Accepted 3309
 Not Eligible 682
 Review of Status 3639

Total 7630

Detection Clinic - Pap Smear

Result Class 1 114
 Class 2 54
 Class 3 1
 Class 4 -
Total Tested 169
 Reports to Patients 169
 Reports to Medical Services 55

CITY DISPENSARY PHARMACY

Chief Pharmacist
Asst. Chief Pharmacist

Nicholas Schlimbracco, PHG., R.P.
Samuel Talpins, PHG., R.P.

DESCRIPTIONS

The Health and Welfare City Dispensary Pharmacy dispensed approximately 43,993 prescriptions for the year of 1969. These prescriptions are filled for indigent patients and City Welfare patients who are treated at the City Dispensary, as well as being treated at home and other clinics and agencies.

ACTIVITIES OF THE PHARMACY

Many preparations which are practical and economical to prepare are prepared in bulk by the pharmacists. The preparations of medications and the packaging of supplies for Parochial schools, Child Hygiene Stations, and other school stations are a part of the routine pharmacy work. Records are also maintained numbering into the many hundreds, for the distribution of Insulin and free State Biologicals to private physicians. Since 1968, due to the many new programs throughout the city, it has been necessary to order and dispense supplies as well as biologicals for their use - such as TLM, Multi-Phase and others. It has also become necessary to have one (1) pharmacist go to Ivy Haven Nursing Home to dispense medications used in the Wards, once a week.

FUNCTIONS OF THE PHARMACY

The functions of the Pharmacy relate to the ordering and receiving of surgical supplies, drugs, surgical equipment, free State Biologicals, anti-biotics, narcotics, and also alcohol for manufacturing purposes and for clinical use. Raw materials are purchased for prescription compounding.

An accurate record is kept as to date of order and date of receiving from Vendor, when free biologicals are received and lot numbers and expiration dates. Concurrent records are kept as to dates and quantities dispensed to clinics, physicians, Parochial schools, and Child Hygiene stations. Records are sent to State Department of Health as a sample of each biological dispensed from the Pharmacy.

The merchandise ordered is received the Purchase Orders are processed to City Hall when receiving paper work, for payment. A complete record of all drugs and surgical supplies and surgical equipment is kept in the Pharmacy office.

A check as to dated drugs and other staple items are constantly scrutinized and these items are exchanged for new drugs if out-dated. Records are also maintained numbering into the hundreds for the distribution of Insulin and other diabetic drugs. These records are up to date and accurate because it is vital information so that the patient does not take an overdose of these drugs.

An Inventory is taken so to enable the Chief Pharmacist to exchange drugs not used or out-dated for drugs that are now being dispensed regularly as well as having a complete supply of surgical supplies and equipment on hand for use in the Clinics.

Drug salesmen are interviewed and professional discussions held periodically relating to new drugs. Many times the Technical Service Department of the drug companies have to be called for information not contained in the brochure with the drug.

The Pharmacy maintains at all times a well stocked supply of modern up-to-date drugs, anti-biotics, flu vaccine, polio vaccine as well as measles virus vaccine and rabies vaccine.

PAROCHIAL SCHOOLS

Michael J. Frattantano, M.D., Assistant Health Officer
Helen Desmond, R.N., B.S., Public Health Nurse Supervisor
William Wheaton, R.N., B.S., Public Health Nurse Supervisor
Helen Breitstadt, A.B., Social Worker.

The Bureau of Parochial Schools in the 1968-69 school year provided medical, nursing and social services to 14,700 children enrolled in

24 Elementary Schools
4 High Schools
1- 2 year Commercial School
1 Special Education School.

This school health program aims to provide for optimum health for each child. The programs carried out follow the standards set by the New Jersey State Department of Education.

The Public Health Nurses in the schools work closely with parents, principals and others concerned in bringing to the attention of the social worker many pressing problems of a health and socio-economic nature for prompt attention and follow-up.

Defects and health problems noted by the physician and the Public Health Nurse are referred for attention to proper health services (See chart).

School nurses in addition are active in health and education programs through talks and conferences with students, school personnel, parents and the community.

The social worker assigned to the schools works closely with the Public Health Nurses on referrals made by them for health and socio-economic reasons. Referrals for services are also directed to the social worker by the school principals.

Most referrals for services are made by the social worker to health, social, state, education and guidance agencies.

Of the 102 cases accepted for service during the year, over 18% were referred due to parental indifference and neglect, 29% for behavioral problems, 8% for economic deficiency, over 32% for multiple problems, i.e. more than one major problem existing in the family; thus presenting a wide range of psycho-social problems which in combination intensify and augment social dysfunction, and over 11% of the cases were referred for problems other than the above-mentioned. Examples; disruptive home situations, marital conflicts. Handicapped children or parents, lack of

comprehension in ethnic groups due to language barrier or no knowledge of public resources available to them. Also included were children referred to the Newark Junior Museum Art Course work Shop and children referred to various Summer camps.

SOCIAL WORK ACTIVITIES 1969

INTAKE

Referrals received	102
Referrals accepted	102
Referrals rejected	0

CASE LOAD COUNT

New Cases	97
Cases re-opened	5
Cases carried over from previous year	33
Total cases	135
Cases closed during year	101
Cases on books end of year	34

PROCEDURES

Interviews

With Parents	246
With children	77
With other interested and informed parties	159
Total	482

Visits

To homes	201
To hospitals, clinics and schools	84
Total	285

Conferences

Social agencies	81
Clinics	29
Intra-department	10
Church pastors	14
Schools	
Principals	41
Teachers	17
Nurses	32
Total	224

Correspondence

Written Correspondence	356
Telephone Calls	781
Total	1137

SOCIAL WORK ACTIVITIES (Con't.)

Source of Referrals received

Parochial Schools	80
Mt. Carmel Guild	14
Intra-department	8
Total	102

Referrals made to agencies

Mt. Carmel Guild Multi-Service Center	51
Catholic Children's Aid Ass'n.	11
Bureau of Children's Services	9
Welfare agencies	14
Legal Services	8
Board of Education	12
Employment agencies	11
Vocational Guidance	14
Cultural Guidance	7
Summer Camps	4
Youth Aid bureau	3
Medical Clinics	32
Total	176

Moral and emotional support given 307

Interpretive guidance given 205

SCHOOL HEALTH ACTIVITIES

Health Program- Defects noted in school children

Type Defect	<u>1968- 1969 School Year</u>	
	<u>Found</u>	<u>Corrected</u>
Dental	5,346	1,161
Vision	2,434	1,194
Hearing	160	51
Cardiac New	103	53
Old	100	54
Nutrition	396	34
Orthopedic or Posture	58	183 *
Other Health Problems **	1,077	2,042 *

* Includes Defects previously found, which were corrected or remedied this year.

** Includes Nose-Throat, Skin, Personal Hygiene and other conditions not included in above listings.

School Health Activities1968 - 1969

Health Services by- *

Private physicians		2,706
Clinic physicians		394
Private dentists		766
Health Division dental clinics		743
School physicians-	Health examinations	6,299
School nurses-	Health appraisals **	14,672
	Class inspection of children	1,347
	School exclusions	2,596
	First aid	11,101
	Audiometric screening	7,224
	Defects referred	160
	Vision screening	14,369
	Defects referred	2,234
	Home visits	51
	Telephone calls	10,969
	Classroom talks	569
	Office conferences with teachers, pupils, parents, others	47,218
Immunizations-	Smallpox	1,830
	Diphtheria-Tetanus	443
	Diphtheria-Tetanus Booster	2,419
	Measles	355
	Oral Sabin Trivalent	919
	Influenza vaccine (adults)	77
Tuberculin Tests-	Tines, Mantoux (few in 1969)	4,344
	Positive Tuberculins reported	67

* Reports are recorded on child's health record.

** Includes teeth, posture, nose and throat, hair and scalp, skin, speech, behavior, others.

CHILD HYGIENE

WILLIAM J. SPINOSA, M.D.
EDWARD S. SZELEWA, M.D.

SUP'V. OF PUBLIC HLTH. PHYSICIANS
PUBLIC HEALTH PHYSICIAN

The prime purpose of the Child Hygiene Bureau is the supervision of infants and children, birth to four years of age, and retarded children to age thirteen. Such supervision carried on in the home and Child Health Conference session aims at providing the necessary physical examinations and instructions to parents so that these infants and children will attain their maximal potential both physical and mental. To this end fifteen Child Health Conference areas are strategically located throughout the City. Each Child Health Conference session is directed by a physician with two public health nurses.

THE PHYSICIANS' DUTIES

1. Health appraisal
2. Counseling and guidance of the parent
3. Health history
4. Detection of deviations from normal or expected growth & development
5. Referral to other sources of care and services when indicated
6. Protection against communicable diseases
7. Group education and discussion with parents
8. Liaison with other community groups interested and concerned with infant and pre-school health and the environment;
Physical and emotional in which the child lives
9. Physician in Service Program

Pre-conference talks to the assembled mothers by the Child Health Conference physician were again stressed.

During the year less desirable locations were closed and in their place Child Health Conferences were established at St. Michaels Medical Center, St. James Hospital and at Babies Hospital Unit of United Hospitals of Newark, New Jersey.

We are somewhat gratified to see that the infant mortality rate^{in 1969} has decreased to 28.9 from 35.2 in 1968. In view of the fact that most of the deaths were in the first few days of life mainly from congenital defects or malformation among premature infants; we can never stress enough the importance of proper pre-natal care during pregnancy to further decrease the infant mortality rate.

HOME VISITS*

	<u>1967</u>	<u>1968</u>	<u>1969</u>
Total home visits made by Public Hlth. Nurses			11,766
Visits to Mentally Retarded Children	299	251	188
Number of Mentally Retarded Children under P.H. Nurse Supervision -- 32			
Visits to Children in City Licensed Boarding Homes	83	72	60
Number of City Licensed Boarding Homes under supervision -- 19			
Visits to premature infants			755
Referrals from N.J. State Department of Health for Investigation of Unattended Births	79	100	85
Lead Poison Control Visits	130	69	186
Accident Control Visits	85	72	95
Referrals for Investigation and follow-up from Maternity Infant-Care Project	251	123	87
Health Promotion Visits by Public Health Nurses			10,310

LEAD POISON CONTROL PROGRAM

	<u>1967</u>	<u>1968</u>	<u>1969</u>
Cases Investigated by Public Health Nurses	122	66	183
Cases referred to Sanitary Bureau for Housing Inspection	79	117	183
Urines Tested for Coproporphyrins			813
Urines Positive for Coproporphyrins			19
Urines Tested for Aminolevulinic Acid			1923
Urines positive for Aminolevulinic Acid			99
Reported cases diagnosed as Lead Poisoning	36	7	72

*Home Visits - These figures are included in the Public Health Nursing Report.

Child Hygiene (cont'd)

<u>CHILD HEALTH CONFERENCE SESSIONS</u>	<u>1967</u>	<u>1968</u>	<u>1969</u>
Child Health Conference Sessions Scheduled	1,449	1,855	1,815
Visits to Child Health Conference Sessions	34,084	35,480	33,328
Children attending Child Health Conference Sessions	12,272	11,227	10,518
New Registrations during year	5,791	5,220	4,536
Re-registrations during year	6,481	6,007	5,982

IMMUNIZATIONS & TESTS

Diphtheria - Pertussis - Tetanus (Primary Series & Booster)	13,492	12,258	11,580
Sabin Vaccine	13,378	12,362	11,839
Smallpox Vaccine	2,444	2,769	2,312
Measle Vaccine	3,538	2,796	2,585
Tine Tests (TBC Screening)	2,916	3,274	2,487
Phenylketonuria Tests	6,486	6,034	5,318
Urines Tested for Coproporphyrins			833
Urines Tested for Aminolevulinic Acid			1,923

<u>INFORMATION CONCERNING BIRTHS & DEATHS</u>	<u>1967</u>	<u>1968</u>	<u>1969</u>
Total Births in Newark	10,676	10,168	9,904
Delivered in Hospitals	10,552	10,064	9,775
Delivered at Home	124	104	128
By Physician	33	-	34
By Others	91	-	94
Total Stillbirths	237	212	197
Total Deaths Under One Year	412	319	265
% Infant Mortality per 1000 Births	38.6	35.2	28.9
% Deaths Under One Month per 1000 Births	30.3	26.8	21.7
% Deaths Under One Week per 1000 Births	26.9	23.1	18.7
% Deaths Under One Day per 1000 Births	17.7	14.7	11.9
% Stillbirths per 1000 Deliveries	22.2	20.7	21.5

<u>DAY</u>	<u>HOOR</u>	<u>STATIONS</u>	<u>LOCATIONS</u>
<u>Monday</u>	8:30 A.M.	289 So. Orange Ave.	
	8:30 A.M.	Hayes Homes	7 - 17th Ave.
	8:30 A.M.	Mt. Calvary Church	235 Seymour Ave.
	8:30 A.M.	St. Rocco's Church	208 Hunterdon St.
	8:30 A.M.	St. Columba's School	23 Pennsylvania Ave.
	8:30 A.M.	200 - 16th Ave.	
	12:30 P.M.	Wright Homes	159 Spruce St.
	12:30 P.M.	Health Division	94 William St. (3rd Fl.)
	12:30 P.M.	289 So. Orange Ave.	
<u>TUESDAY</u>	8:30 A.M.	Walsh Homes	1945 Mc Carter Hwy.
	8:30 A.M.	200 - 16th Ave.	
	8:30 A.M.	289 So. Orange Ave.	
	8:30 A.M.	Hayes Homes	7 - 17th Ave.
	8:30 A.M.	Beth Israel	201 Lyons Ave.
	8:30 A.M.	Mt. Calvary Church	235 Seymour Ave.
	12:30 P.M.	St. Michael's Hospital	306 High St.
	12:30 P.M.	Babies Hospital	15 So. 9th St.
	12:30 P.M.	Wright Homes	159 Spruce St.
<u>WEDNESDAY</u>	8:30 A.M.	St. Columba's School	23 Pennsylvania Ave.
	8:30 A.M.	200 - 16th Ave.	
	8:30 A.M.	St. James Hospital	155 Jefferson St.
	8:30 A.M.	Mt. Calvary Church	235 Seymour Ave.
	8:30 A.M.	299 So. Orange Ave.	
	12:30 P.M.	St. Michael's Hospital	306 High St.
	12:30 P.M.	Babies Hospital	15 So. 9th St.
	12:30 P.M.	Hayes Homes	7 - 17th Ave.
	12:30 P.M.	Columbus Homes	112 - 8th Ave.
<u>THURSDAY</u>	8:30 A.M.	289 So. Orange Ave.	
	8:30 A.M.	St. Rocco's Church	208 Hunterdon St.
	8:30 A.M.	Walsh Homes	1945 McCarter Hwy.
	8:30 A.M.	Hayes Homes	7 - 17th Ave.
	8:30 A.M.	Kretchmer Homes	85 Ludlow St.
	8:30 A.M.	Babies Hospital	15 So. 9th St.
	8:30 A.M.	Beth Israel Hospital	201 Lyons Ave.
	12:30 P.M.	Wright Homes	159 Spruce St.
	12:30 P.M.	St. James Hospital	155 Jefferson St.
<u>FRIDAY</u>	12:30 P.M.	St. Michael's Hospital	306 High St.
	12:30 P.M.	200 - 16th Ave.	

PUBLIC HEALTH NURSING

Mary J. Hoban, R.N., M.A., Director
Petrina Livecchi, R.N., M.S., Assistant Director.

The Public Health Nursing Service aims to provide comprehensive health services and continuity of these services to the residents of Newark.

These services include health promotion and education, prevention, detection, maintenance, care and rehabilitation. Services are given in the City Dispensary clinics, the Parochial Schools, Child Health stations and in the home.

The total nursing staff for 1969 included five (5) licensed practical nurses, forty-three (43) public health nurses, seven (7) public health nurse supervisors and assistant supervisors, one assistant director and one director of nurses.

Two social workers are assigned to public health nursing. They work closely with the nurses in providing for necessary ancillary services with community health and social agencies.

During 1969 the services of a part-time nutritionist were contracted for by the Health Officer with the Community Nursing Service of Essex and West Hudson. Much of the nutritionist's work was with the diabetic and cardiac patient.

Preparations are now in the final stages for a cooperative program between the Division of Health and Family Planning services offered in the various Newark Hospitals under the direction of the New Jersey College of Medicine and Dentistry.

A program has been instituted by the Health Officer with the New Jersey College of Medicine and Dentistry for health referrals from the Pre-Natal Center and the Podiatric Department of Martland Hospital and the Public Health Nursing Services.

Activities are in progress to coordinate health services to residents within the Model Cities area.

The Public Health Nursing Service cooperates too with both Rutgers University and Seton Hall University to allow field observation with the nurses for nursing and social work students.

Staff education of our own personnel is an on-going process which includes conferences, speakers, workshops and seminars.

In May, 1967 the Public Health Nursing Services were transferred to a generalized service under a Director and Assistant Director. Prior to this, each Health Division Bureau requiring nursing services was staffed with its own nursing personnel who were responsible to the Bureau's supervising physician. With the generalized program still in its infancy, we are beginning to realize our efforts in comprehensive care and continuity of services to individuals and families we serve. However, much still must be done to accomplish our goals.

A problem of great concern within the Nursing Bureau is the lack of nursing personnel. In the past three years, a total of fifty-five nurses have left the Bureau while only six nurses have been newly employed. In 1969 five licensed practical nurses were added to the staff. This problem of inadequate staffing with consequent diminishing of services to the community is due to lack of realistic salaries paid to nurses and corresponding inappropriate job titles and qualifications currently in effect.

City Dispensary

The nursing staff assigned to the Dispensary service therapeutic clinics, chest disease clinics, venereal and skin disease clinics, screening programs, immunization programs and other services such as health examinations for particular groups (see Dispensary Report.)

All special programs instituted during the year such as mass screening and mass immunization programs are serviced by the City Dispensary nursing personnel.

Social case investigators are assigned to screen patients for eligibility of clinic health and dental services. Referrals to agencies, hospitals and other health and social services are made by the public health nurses.

All correspondence requesting health information on patients who may have attended the clinics except chest and venereal disease clinics is handled by the public health nurses.

Parochial Schools

All parochial schools in Newark are serviced by the Division of Health physicians, public health nurses and a social worker.

Health services provided meet the standards set by the State Department of Education. Services include health appraisals by public health nurses, medical and dental examinations, referrals for attention and follow-up. Screening for Tuberculosis and vision and hearing defects are carried out and necessary referrals made for further study and follow-up. Immunizations are given to those children who do not receive them from private physicians. The schools also participate in any mass immunization program carried out in the city during the school year.

Many socio-economic and health problems are presented by the students in the Parochial Schools. The public health nurse works closely with students, parents and school personnel in making proper referrals to the social worker assigned to the schools. This cooperative team effort has been quite effective in solving many problems presented.

School nurses, in addition to the above, are active in health education programs through talks and conferences with students, school personnel and parents. (See Parochial Schools report.)

Liaison Section

Public health nurses are assigned to liaison activities between the Division of Health services and hospitals, institutions, agencies and the community. With the services currently reduced to one nurse part time due to the shortage of nursing personnel, the emphasis in the program has been mainly in the areas of Tuberculosis Control and Lead Poison Control.

Activities

Visits to hospitals	135
Visits to institutions	7
Visits to agencies	39
Visits to private physicians	54
Patient interviews at Essex County Tuberculosis Sanatorium	156
Orientation and in-service sessions	42

Community Nursing Services

The public health nurses provide nursing services on a family-centered basis to individuals and groups. They function in programs of education, prevention, detection, treatment and control of illness, and rehabilitation with the goal of promotion of optimal health. Direct nursing care only includes injections for tuberculosis patients in the home and skin testing of contacts.

Referrals for home visits are received from hospitals, health and social agencies, private physicians and the community. Requests for services cover maternal and child health areas, mental retardation, accident and lead poison control, tuberculosis control, venereal disease control, chronic illness and health promotion in general.

In addition, the public health nurses service thirty-seven (37) Child Health Conference sessions located in fifteen (15) locations throughout the city.

The mobility of the Newark population in many instances due to urban renewal results in many unproductive visits. Incorrect address, people living with families registered under different names and lack of telephones in the home contribute as well to this problem.

The community nursing services participate in the Lead Poison Control Program through a concentrated education and service program. Urines are collected at the Child Health Stations for ALA tests. Positive results are referred back to the public health nurse who makes a home visit, refers the address to the Sanitary Bureau for housing inspection, and refers the parent with the child to a medical source for health evaluation. Follow-up care is given to those children who are reported suspect or diagnosed lead poisoning (see statistical report.)

Another area of concentration by the Community Nursing Services is in the Tuberculosis Control Program through services to diagnosed cases and contacts. Many problems are referred to the social worker for disposition.

Public health nursing visits in other areas are made primarily on a referral basis from hospitals, clinics and the community. It must be pointed out that a good number of referrals received concern questionable health care and neglect which upon evaluation require health education and socio-economic help.

During 1969 the public health nurses participated with Rutgers University and Seton Hall University Schools of Nursing to provide field observation for nursing students in the home and at the Child Health Conference sessions.

The social worker assigned to the Community nursing services works closely with the nurse in coordinating an effective education and orientation service to the community. Many problems relating to socio-economics, guidance needs, mental retardation and housing are of prime consideration. The social worker is fluent in Spanish. This asset contributes greatly to her activities in aiding the nurse and the families needing assistance where a language barrier exists.

Most referrals to the social worker come directly from the public health nurses in the community and at the Child Health Conference sessions. Other sources are from hospitals, welfare and community agencies, and of the one hundred sixty-two (162) cases given services in 1969, medical problems accounted for about 50%. Other services were: 20% for socio-economic needs, 10% interpretive help, 10% guidance, and 10% were multi problem situations.

COMMUNITY NURSING SERVICES - PUBLIC HEALTH NURSING ACTIVITIES

Laura Pograniczny, R.N., B.S., Public Health Nurse Supervisor
 Ruth Weber, R.N., B.S., Public Health Nurse Supervisor

<u>Home Visits</u>	<u>1968</u>	<u>1969</u>
Total Visits	22,910	
At home visits		13,653
Not Home, no contact - 4,625		
Prematurity		755
Referrals, Maternity Infant Care Project	123	87
Unattended Birth Investigations	100	85
Mental Retardation	251	188
Number Children Under Supervision - 32		
City Licensed Boarding Homes, Visits	72	60
Number Homes Under Supervision - 19		
Lead Poison Control*	69	186
Accident Control	72	95
Antepartum (starting Nov., 1969)		11
Postpartum (starting Nov., 1969)		3
Health Promotion		10,510
Tuberculosis Control** - patients		945
- contacts		715
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Child Health Conference Sessions Serviced by Public Health Nurses*	1,855	1,815
Referrals to Bureau of Sanitation	159	236

*Lead Poison Control Program; Child Health Conference Session Activities -
 See Bureau of Child Hygiene Report

<u>**Tuberculosis Control Program</u>	<u>Total</u>
Home Visits	1,660
Contact Referrals to Chest Clinic	715
Home Evaluations	205
Injections	126
Tuberculin Tests--Times	179
Time Test Readings	25 (remaining tests are read in the Chest Clinic)

Note. A portion of the Tuberculosis Control program visits is carried out
 by the field men assigned to the Chest Bureau.

COMMUNITY NURSING SERVICES - SOCIAL WORK ACTIVITIES

Zorida Rubi M.A., Social Worker

Intake

Referrals Received	171
Referrals Accepted	162
Referrals Withdrawn	6
Total	162

Case Count

New Cases	36
Cases Reopened	7
Case Carried Over From Previous Year	32
Total Cases	75
Cases Closed	9
Year End Total	66

Procedures

Interviews

With the Cases	143
With other Interested & Informed Parties	130
Total Interviews	273

Visits

Home	125
Child Health Stations	17
Other Agencies	77
Hospital or Clinic	2
Total Visits	221

Conferences

Intra-Department	210
Other Agencies	205
Total Conferences	415

Correspondence

Services Rendered

Interpreter	87
Referrals to Other Agencies	148
Moral & Emotional Support	7
Guidance	130
Occasional Services	66
Miscellaneous Services	96
Total Services Rendered	534

SOCIAL WORK ACTIVITIES (Con't.)

Source of Referrals received

Public Health Nurses	111
Hospitals	10
Child Health Stations	2
Welfare Agencies	5
Community Agencies	25
Total	152

Referrals made to Agencies

Health Services	47
Welfare Agencies	42
Bureau of Children Services	1
New Jersey Rehabilitation Comm.	1
N. J. Association for Retarded Children	1
Cerebral Palsy Center	2
Family Planning	2
Legal Services	10
Mt. Carmel Guild Multi-Services	7
Salvation Army	2
Field Orientation Center for the Underprivileged Spanish (FC)	15
Newark Youth Corps	1
United Community Corporation Area Boards	3
Food and Nutrition of Rutgers University	2
New Jersey Food Stamp Program	1
Board of Education	2
T.M. Program	4
Employment Agencies	2
Housing Authority	<u>1</u>
Total	148

DENTAL HEALTH

Harold R. Harlan, D.D.S., M.P.H., Supv. Dentist
Walter Reilly, D.D.S., Ass't Supv. Dentist
Frank D'Elia, D.D.S., Ass't Supv. Dentist
Gladys Badger, R.D.H., Dental Hygienist

During 1969 the Dental Health Program continued to include dental care for the disadvantaged youth applicants of the Anti-Poverty Programs of the city of Newark. The facilities of our dental clinics were offered and used by these various agencies namely Pre-School and T.E.A.M.

The dental clinic set-up by the T.E.A.M., Inc staff is without a doubt an asset to the Newark community. The participants have been given a completely new awareness of oral hygiene and the importance of maintaining or restoring of good dental health. The importance of dental health in relation to employment and personal outlook has also been stressed. The examinations were held in conjunction with the medical staff of T.E.A.M., Inc. on week days, from 1-4P.M. by the examining Dentist, Dr. Iver Peterson.

The changing population of the city imposes an administrative and operative block in controlling patient load. The program continues to emphasize Preventive Dentistry for children of the elementary grades in the Parochial and Public Schools through early case findings, dental health education and follow-up procedures. These measures are facilitating corrective and completion treatments to initial cases and incremental maintenance care to old cases.

The mechanism of early case finding and follow-up is maintained in the parochial school population through the Dental Hygienist, examining dentists, school nurses and principals. The Public School children are surveyed by the supervising dentist of the Board of Education and these children are referred to the Bureau of Dental Health for treatment services. The follow-up technic includes a re-evaluation of all parochial children examined during a three month period. All dental defects that have not been corrected are then brought to the attention of the school nurse and parent for further disposition. All children admitted for treatment must present medical and social service clearances which are initiated by the school nurse. This policy of dental defect awareness has resulted in directing more children to treatment in private offices and our clinics.

The Dental Hygienist functions primarily in the area of Dental Health Education through all year round activities in the parochial schools. The hygienist is the liason with the parochial school system in arranging the surveys, lectures and appointments.

The Dental Bureau through the Dental Hygienist provided dental health lectures to the various pre-school classes on a weekly basis.

Chairside dental hygiene instructions are given to each patient at the initial visit by dental clinician.

In the areas of prevention and control, top oral appliances of stainless fluorides are readily available for all children between ages 2 to 13. This preventive program has been successful in reducing dental decay, especially in the primary teeth of school children, and has also resulted in a low incidence of dental caries and periodontal disease. These measures are proving effective in reducing dental decay in our school children.

We recommend that the city of Newark should consider the fluoridation of our community water supply to effectively reduce the incidence of dental caries. It is estimated that up to 20% of the dental caries in the younger age group might have been prevented if fluoridation of the public water had been adopted in Newark.

Specialized services are available for the treatment of dental caries, oral surgery and preventive orthodontics. These services are provided by a team of dental specialists.

The dental clinic facilities are located in public schools, housing projects, day centers and health departments, serving indigent children in both public and parochial schools.

Adult dental care services include examinations, cleanings, X-rays, extractions, fillings and periodontal treatments.

We are aware of the fact that many of the dental clinics now closed due to lack of funds.

"Dental Health is fundamental to economic self-sufficiency."

DENTAL REPORT

	<u>1968</u>	<u>1969</u>
No. of Individual Children	4,572	4,218
No. of Children Visits	13,112	10,288
No. of Children Treatments	22,316	18,484
No. of Individual Adults	1,205	860
No. of Adult Visits	3,392	2,484
No. of Adult Treatments	3,733	2,810
No. of Dental X-Rays	6,566	5,819
No. of T.E.A.M. Dental Examinations	964	1,844
<u>Dental Health Program in Parochial Schools</u>		
Children in need of dental care	2,711	4,004
Children not in need of dental care	1,567	2,192
Total children examined	4,278	6,196
Total lectures	148	166
<u>Follow-up</u>		
Brought to treatment	976	1,603
<u>Pre-School Centers</u>		
Dental Health Lectures		30

PUBLIC HEALTH LABORATORIES

These laboratories make food, milk and water examinations for the Health Division and diagnostic tests for local hospitals, Physicians and Health Division Clinics.

Frank Ciasulli, Chf. Supv. Pub. Hlth Lab.
Meyer Levy, B.Sc. - Chf. Serologist
Sara Rothberg, B.S. - Chief Chemist
Guido Petruccelli, B.A., Asst. Chf. Bact.

<u>1 9 6 2</u>			<u>1 9 6 8</u>		
<u>Serological & Hematol.</u>	<u>Total</u>	<u>Reactive</u>	<u>Total</u>	<u>Reactive</u>	
Prenatal (V.D.R.L.)	4,097	2	4,431	11	
Prenatal "	7,554	8	3,526	5	
Domestic "	1,081	4	1,349	11	
Priv. Doctors "	11,477	368	11,090	368	
Dispensary "	15,052	468	12,850	331	
Luetic Clinic "	9,857	1,098	12,460	1,074	
Quant. tests "	2,342	2,342	3,063	2,063	
Hospitals "	9,300	343	7,730	311	
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Total V.D.R.L. tests	60,760	4,265	55,499	4,174	
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Spinal Fluids	472		637		
RH Factor Det.pos	11,223		5,205		
RH " " neg	40		443		
"ALA" test for Lead	1,923	99	NOT DONE		
Coproporphyrin test					
for Lead	833	19	NOT DONE		
Heterophile test	0		3		
Complete blood counts	982		777		
Blood Chemistry	1,451		1,652		
Sedimentation Rate	195		105		
Bleeding & Clot. time	26		10		
Urinalysis	10,703		9,991		
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Total Serol. & Hematol.	88,608	118	74,322		

1962

1963

<u>Bacteriological</u>	<u>Total</u>	<u>Positive</u>	<u>Total</u>	<u>Positive</u>
Diphtheria Culture	66	0	40	0
Tuberculosis Sputa	2,861	71	2,210	32
Shigella -Feces	361	20	1,400	95
Feces - Dysentery	288	8	49	0
" - Salmonella	288	18	0	0
Ova & Parasites	517	32	491	69
Darkfields (Ven.Div.)	0	0	2	0
Rabies (Brain Exam.)	6	0	6	0
Vincent's Angina Smears	48	15	63	25
Trich.Vag.	0	0	1	0
Gonorrhoea Cultures	5,985	1,571	248	39
" Smears	10,782	5959	12,578	4,348
Ophthalmic Gonorrhoea	8	1	10	0
Water-pool examinations	303		204	0
Milk & Cream exams.	3,357		3,677	
Shellfish	46		41	
Frozen confections	65		93	
Misc.exams.-foods, swabs for utensils, rinse water, pollen counts, T.B. cultures	5,686			
Total Bacteriology	30,667	7,695	26,101	4,608
<u>Chemical</u>	<u>Total</u>		<u>Total</u>	
Milk	2,861		2,771	
Cream	870		844	
Frozen Conf.	606		135	
Pools City Water	317		234	
Meat	254		121	
Miscellaneous tests including lead	3,083		3,706	
Number of analyses	7,585		7,327	
Total Chemistry	15,576		15,138	
TOTAL TESTS — ALL LABS	134,851		115,561	

NOTE: Special examinations, included horsemeat, added sulphites, excessive fat content in meats, artificial coloring and flavoring, fat percentages, oils, drugs, as well as routine tests of swimming pool water for free chlorine.

THIS FORMAT IS A CONTINUATION OF PAST FORMATS AND WILL BE ALTERED TO ONE MORE SUITABLE, SO AS TO CONFORM TO N.J. STATE RECOMMENDATIONS.

WITHDRAWN